



*Independent Statistics & Analysis*

U.S. Energy Information  
Administration

# Petroleum Marketing Monthly

April 2019



This report was prepared by the U.S. Energy Information Administration (EIA), the statistical and analytical agency within the U.S. Department of Energy. By law, EIA's data, analyses, and forecasts are independent of approval by any other officer or employee of the United States Government. The views in this report therefore should not be construed as representing those of the Department of Energy or other Federal agencies.

## Preface

---

The *Petroleum Marketing Monthly* (PMM) provides information and statistical data on a variety of crude oils and refined petroleum products. The publication presents statistics on crude oil costs and refined petroleum products sales for use by industry, government, private sector analysts, educational institutions, and consumers. Data on crude oil include the domestic first purchase price, the f.o.b. and landed cost of imported crude oil, and the refiners' acquisition cost of crude oil. Refined petroleum product sales data include motor gasoline, distillates, residuals, aviation fuels, kerosene, and propane. The Office of Petroleum and Biofuels Statistics, U.S. Energy Information Administration ensures the accuracy, quality, and confidentiality of the published data in the *Petroleum Marketing Monthly*.

### Scope of data

The data within the *Petroleum Marketing Monthly* are compiled from five Energy Information Administration (EIA) survey forms. The crude oil statistics are calculated from data collected on the following three survey forms: Form EIA-182, "Domestic Crude Oil First Purchase Report"; Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report"; and Form EIA-14, "Refiners' Monthly Cost Report."

The statistics on petroleum product sales prices and volumes are derived from Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

The data presented in Tables 45 to 47 are derived from aggregations of data from Form EIA-782C, "Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption."

### Sections

Monthly statistics on purchases of crude oil and sales of petroleum products are presented in the *Petroleum Marketing Monthly* in six sections:

- Highlights
- Summary Statistics
- Crude Oil Prices
- Prices of Petroleum Products
- Volumes of Petroleum Products
- Prime Supplier Sales Volumes of Petroleum Products for Local Consumption.

The publication highlights salient statistics for the United States in the Summary Statistics section. More detailed geographic coverage occurs in the other four sections. Geographic coverage for crude oil includes country of origin for foreign crude and Petroleum Administration for Defense (PAD) Districts and individual States for domestic crude oil. Geographic coverage of the petroleum products includes PAD Districts and individual States.

Detailed statistics for crude oil, including the price of imported crude oil by country of origin, by gravity, and by crude stream, can be found in the Crude Oil Prices section.

PAD District and/or State-level statistics for petroleum products are presented in the Prices, Volumes, and Prime Supplier Sales of Petroleum Products sections. To aid the reader in determining the market changes, the majority of the tables show data for the report month and previous month for the current year, and the report month for the previous year.

### Notes on the tables

- For the crude oil statistics referencing Form EIA-182, United States includes the 50 States, the outer continental shelf, and the District of Columbia. For crude oil statistics referencing either Form EIA-14 or Form EIA-856, United States includes

the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. For the petroleum products data, United States includes the 50 States and the District of Columbia.

- Prices exclude taxes. Refer to the Explanatory Notes for a tax table on motor fuels.
- Some of the tables use state abbreviations. Refer to the Explanatory Notes for a table of U.S. Postal State abbreviations.
- Sales of leaded gasoline are a component of averages and totals prior to October 1993.
- References to “Refiners” include gas plant operators (see the Glossary for definition of “Gas plant operators”).
- “Prime supplier” refers to a firm that produces, imports, or transports any of the selected petroleum products across State boundaries and local marketing areas and sells the product to local distributors, local retailers, or end users.
- The category “Retail outlet” refers to any company-operated outlet selling gasoline, on-highway diesel fuel, or propane for on-highway vehicle use (see Glossary).
- No. 2 distillate volumes and prices are classified in accordance with what the product was sold as, regardless of the actual specifications of that product (see definitions of No. 2 distillate in the Glossary).
- Beginning with the February 2007 data release, EIA revised the table formats and content for the *Petroleum Marketing Monthly* (PMM) to eliminate oxygenated gasoline as a separate category and to revise the categories of diesel fuel (i.e., ultra-low sulfur, low sulfur, and high sulfur). In conjunction with these changes, the Total columns in certain PMM tables have been eliminated to help ensure that sensitive data reported to EIA by individual survey respondents may not be closely estimated using the aggregates published by EIA. Refer to the Product Guide for new table numbers.
- As of January 2012, EIA changed the methodology used to calculate the initial price estimates for refiner acquisition costs of crude oil. The price estimate for domestic crude oil comes from a regression model based on West Texas Intermediate (WTI) crude oil spot market prices. The price estimate for imported crude oil comes from a regression model that uses a basket of world crude oil prices. The composite price estimate is a weighted average of the domestic and imported prices based on refinery receipts data found in the *Petroleum Supply Annual*.
- Final revisions to 2010 and 2011 monthly and annual values in Tables 1, 1A, and 18-27 were added to the *Petroleum Marketing Monthly* in the March 2013 issue.
- As of the March 2016 data release, January and February 2016 OPEC and Non-OPEC crude oil prices in Tables 21 and 22 were revised to include Indonesia in OPEC and exclude it from Non-OPEC.
- Beginning with the November 2017 data release, due to the increase of crude oil activity in the North Dakota region, EIA replaced the North Dakota Sweet Crude Stream on the EIA-182, Domestic Crude Oil First Purchase Report with the predominant North Dakota Bakken Crude Stream to provide an accurate price estimate for an important high volume crude stream regularly traded in domestic crude oil markets.

# Contents

---

Preface..... iii

Highlights..... vii

Summary Statistics ..... 1

Crude Oil Prices ..... 29

Prices of Petroleum Products ..... 44

Volume of Petroleum Products ..... 57

Prime Supplier Sales Volumes of Petroleum Products for Local Consumption ..... 91

## Tables

Table HL1. U.S. refiner prices and volumes of petroleum products .....	viii
--	------

### Summary Statistics

Table 1. Crude oil prices .....	2
Table 1A. Refiner acquisition cost of crude oil by PAD Districts .....	4
Table 2. U.S. refiner prices of petroleum products to end users .....	6
Table 3. U.S. refiner volumes of petroleum products to end users .....	8
Table 4. U.S. refiner prices of petroleum products for resale .....	10
Table 5. U.S. refiner volumes of petroleum sales for resale .....	12
Table 6. U.S. refiner motor gasoline prices by grade and sales type .....	14
Table 7. U.S. refiner motor gasoline volumes by grade and sales type .....	16
Table 8. U.S. refiner conventional motor gasoline prices by grade and sales type .....	18
Table 9. U.S. refiner conventional motor gasoline volumes by grade and sales type .....	20
Table 10. U.S. refiner reformulated motor gasoline prices by grade and sales type .....	22
Table 11. U.S. refiner reformulated motor gasoline volumes by grade and sales type .....	24
Table 16. U.S. refiner residual fuel oil prices .....	26
Table 17. U.S. refiner residual fuel oil volumes .....	27

### Crude Oil Prices

Table 18. Domestic crude oil first purchase prices .....	30
Table 19. Domestic crude oil first purchase prices for selected crude streams .....	33
Table 20. Domestic crude oil first purchase prices by API gravity .....	34
Table 21. F.O.B.[a] costs of imported crude oil by selected country .....	35
Table 22. Landed costs of imported crude oil by selected country .....	36
Table 23. F.O.B.[a] costs of imported crude oil by API gravity .....	37
Table 24. Landed costs of imported crude oil by API gravity .....	38
Table 25. Percentages of imported crude oil by API gravity .....	39
Table 26. F.O.B.[a] costs of imported crude oil for selected crude streams .....	40
Table 27. Landed costs of imported crude oil for selected crude streams .....	41

### Prices of Petroleum Products

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state .....	45
Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state .....	49
Table 33. Refiner prices of distillate fuels by PAD District and state .....	53

### Volume of Petroleum Products

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state .....	58
Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state .....	66
Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state .....	78
Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state .....	82
Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state .....	86
Table 44. Refiner residual fuel oil and no. 4 fuel volumes by PAD District .....	90

### Prime Supplier Sales Volumes of Petroleum Products for Local Consumption

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state .....	92
Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state .....	100
Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state .....	104

## Figures

Figure 1. Crude oil prices .....	3
Figure 2. U.S. Refiner retail petroleum product prices .....	7
Figure 3. U.S. Refiner retail petroleum product volumes .....	9
Figure 4. U.S. Refiner wholesale petroleum product prices .....	11
Figure 5. U.S. Refiner wholesale petroleum product volumes .....	13
Figure 7. U.S. Refiner residual fuel oil prices .....	28

## Highlights

---

### Crude oil

- Monthly average crude oil prices increased in all sales categories at the start of 2019. The January average domestic crude oil first purchase price rose 13 cents (0.3%), to \$47.85 per barrel.
- The average free-on-board (f.o.b.) cost of imported crude oil climbed \$11.41 (31.9%) to \$47.23 per barrel, while the average landed cost of foreign crude oil rose \$8.94 (23.1%), to \$47.59 per barrel.
- The average refiner acquisition cost for domestic crude oil increased 48 cents (0.9%), to \$53.73 per barrel. The average cost of imported crude oil rose \$6.39 (14.9%), to \$49.19 per barrel. The composite refiner acquisition cost for crude oil increased \$3.05 (6.2%), to \$51.88 per barrel.

### Petroleum products

#### *Motor gasoline*

- Monthly average prices for refiner sales of motor gasoline fell in all sales categories in January. The average retail price declined 11.8 cents to \$1.855 per gallon, while the average wholesale price decreased 3.1 cents to \$1.483 per gallon.
- Sales of finished motor gasoline by refiners declined in January. Total sales dropped 7.7 million gallons per day (2.4%) to an average of 310.4 million gallons per day. Retail sales fell 1.0 million gallons per day (4.1%), while wholesales decreased 6.7 million gallons per day (2.3%). DTW sales accounted for 7.1% of wholesales, while rack and bulk sales made up 85.9% and 7.1%, respectively.

#### *No. 2 distillate*

- January monthly average prices for refiner sales of No. 2 distillates mostly decreased from December levels. The average price for No. 2 diesel fuel sold to end users dropped 2.1 cents to \$1.960 per gallon, while the average wholesale price fell 0.5 cent to \$1.789 per gallon. The average retail price for No. 2 fuel oil decreased 2.7 cents to \$2.195 per gallon, while the average wholesale price rose 1.7 cents to \$1.813 per gallon.
- Overall, January sales of No. 2 ultra-low sulfur diesel by refiners dropped 1.5 million gallons per day (0.9%) to 161.7 million gallons per day. Retail sales rose 200,000 gallons per day (1.6%), while wholesales fell 1.7 million gallons per day (1.1%).

#### *Residual Fuel Oil*

- Monthly average prices for refiner sales of residual fuel oil show mixed trends in January. The wholesale price for low-sulfur residual fuel oil rose 8.0 cents to \$1.332 per gallon. The price for high-sulfur residual fuel oil dropped 5.4 cents to \$1.413 per gallon at retail, while the wholesale price rose 0.9 cent to \$1.304 per gallon.
- January residual fuel oil sales by refiners remained flat at 10.8 million gallons per day. Retail sales increased 100,000 per day (2.9%), while wholesales fell 100,000 gallons per day (1.4%).

#### *Other products*

- Trends in refiner prices for the remaining surveyed products were mixed in January. Prices for propane and No. 1 distillate fell at both the retail and wholesale levels. Kerosene-type jet fuel prices declined at retail, but rose at wholesale. Prices for aviation gasoline dropped at the wholesale level while the price for kerosene increased in the same category.
- In January, refiner sales of propane and No. 1 distillate rose at retail and wholesale, while of kerosene-type jet fuel sales did the opposite. Sales of kerosene and aviation gasoline sales increased at the wholesale level.

**Table HL1. U.S. refiner prices and volumes of petroleum products**

prices: dollars per gallon excluding taxes, volumes: million gallons per day

Products	Sales to end users						Sales for resale					
	January 2019		December 2018		January 2018		January 2019		December 2018		January 2018	
	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume
<b>Motor gasoline</b>	1.855	23.2	1.973	24.2	2.108	22.5	1.483	287.2	1.514	293.9	1.849	283.1
<b>Conventional</b>	1.673	14.3	1.782	14.9	2.009	14.1	1.409	194.2	1.440	197.7	1.811	190.6
Regular	1.622	12.7	1.729	13.2	1.963	12.4	1.377	174.0	1.406	177.0	1.779	171.0
Midgrade	1.912	0.7	2.047	0.7	2.201	0.7	1.568	1.2	1.612	1.2	1.954	1.3
Premium	2.179	0.9	2.306	1.0	2.468	0.9	1.691	19.0	1.744	19.4	2.106	18.3
<b>Reformulated</b>	2.149	8.9	2.278	9.3	2.274	8.5	1.637	93.0	1.665	96.3	1.926	92.5
Regular	2.036	6.5	2.163	6.9	2.182	6.3	1.584	77.7	1.610	80.2	1.878	77.3
Midgrade	2.355	0.9	2.496	0.9	2.437	0.8	1.807	0.5	1.825	0.6	2.049	0.7
Premium	2.532	1.5	2.664	1.5	2.602	1.3	1.908	14.8	1.942	15.5	2.175	14.5
<b>Aviation gasoline</b>	2.624	0.0	W	W	W	W	2.395	0.4	2.463	0.4	2.900	0.3
<b>Kerosene-type jet fuel</b>	1.827	29.4	1.852	32.2	2.012	29.1	1.822	36.4	1.811	37.2	1.969	41.1
<b>Propane (consumer grade)</b>	0.756	3.5	0.794	2.9	0.971	3.5	0.775	41.2	0.798	36.1	0.990	46.8
<b>Kerosene</b>	W	W	W	W	W	W	2.021	1.8	1.954	1.4	2.209	2.3
<b>No. 1 distillate</b>	2.323	0.1	2.397	0.1	2.506	0.1	2.127	3.3	2.175	2.4	2.430	3.2
<b>No. 2 distillate</b>	1.962	12.6	1.983	12.6	2.145	12.0	1.791	165.9	1.794	169.5	2.036	163.4
<b>No. 2 fuel oil</b>	2.195	0.1	2.222	0.1	2.206	0.3	1.813	15.7	1.796	17.1	1.990	17.5
<b>No. 2 diesel fuel</b>	1.960	12.5	1.981	12.5	2.144	11.7	1.789	150.2	1.794	152.3	2.042	145.8
Ultra low sulfur	1.960	12.4	1.979	12.2	2.150	11.4	1.790	149.3	1.794	151.0	2.045	142.1
Low sulfur	W	W	W	W	W	W	-	-	W	W	W	W
High sulfur	W	W	W	W	W	W	1.659	1.0	W	W	W	W
<b>No. 4 fuel[a]</b>	-	-	-	-	-	-	W	W	W	W	W	W
<b>Residential fuel oil</b>	1.472	3.6	1.608	3.5	1.507	3.7	1.305	7.2	1.293	7.3	1.310	8.9
<b>Sulfur content not &gt; 1%</b>	W	W	W	W	W	W	1.332	0.3	1.252	0.5	1.301	0.4
<b>Sulfur content &gt; 1%</b>	1.413	W	1.467	W	1.476	W	1.304	6.9	1.295	6.8	1.311	8.5

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

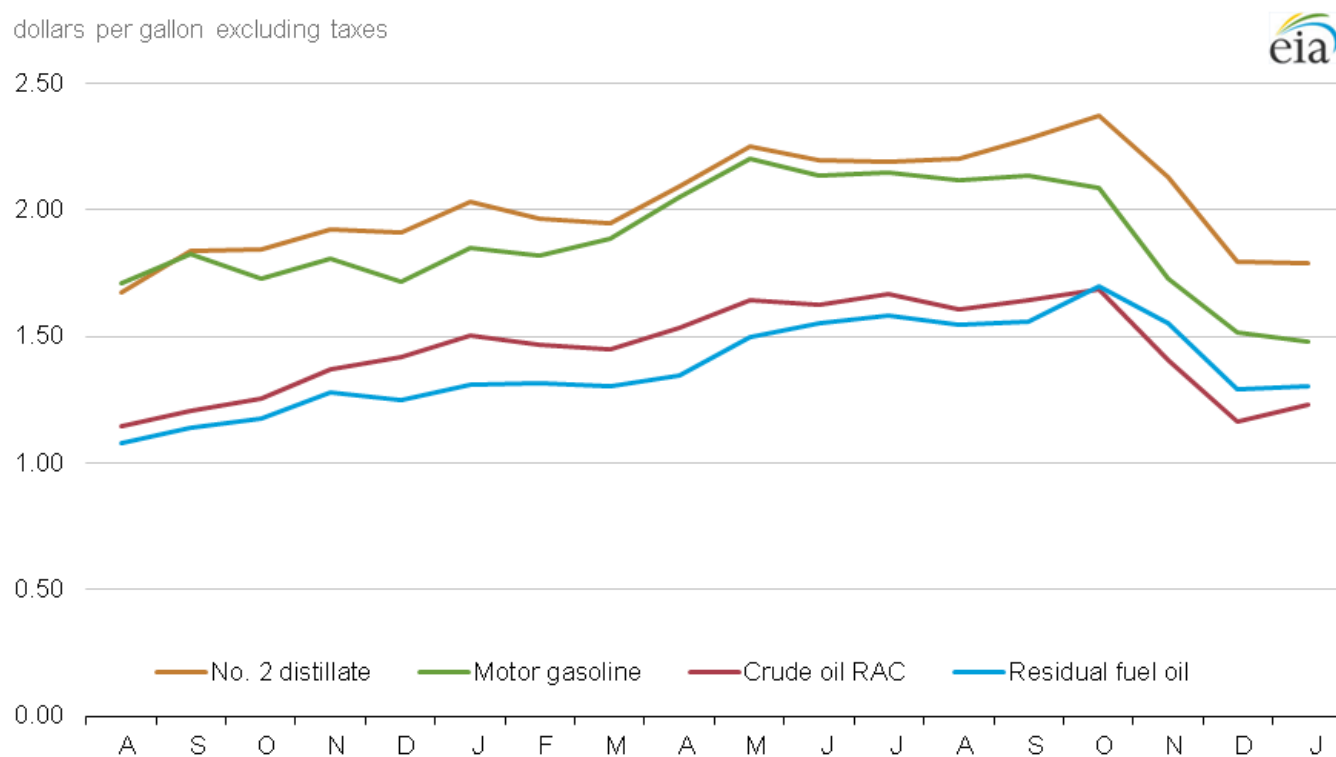
[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - In January 2007, ultra low-sulfur diesel fuel was added. - All on-highway diesel must be ultra low-sulfur as of December 1, 2010 - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 are final. Total volumes may not equal the sum of the components due to rounding.

Source: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."



**Figure HL1. Crude oil and petroleum product wholesale prices**



August 2017 - January 2019

Sources: U.S. Energy Information Administration, Crude oil refiner acquisition cost: Form EIA-14, "Refiners' Monthly Cost Report"; petroleum product prices: Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Note: RAC stands for refiner acquisition cost.

# Summary Statistics

---

**Table 1. Crude oil prices**

dollars per barrel

Year month	Domestic first purchase prices	Average F.O.B.[a] cost of crude oil imports[b]	Average landed cost of crude oil imports[b]	Refiner acquisition cost of crude oil		
				Domestic	Imported	Composite
<b>1997 average</b>	17.23	16.94	18.11	19.61	18.53	19.04
<b>1998 average</b>	10.87	10.76	11.84	13.18	12.04	12.52
<b>1999 average</b>	15.56	16.47	17.23	17.90	17.26	17.51
<b>2000 average</b>	26.72	26.27	27.53	29.11	27.70	28.26
<b>2001 average</b>	21.84	20.46	21.82	24.33	22.00	22.95
<b>2002 average</b>	22.51	22.63	23.91	24.65	23.71	24.10
<b>2003 average</b>	27.56	25.86	27.69	29.82	27.71	28.53
<b>2004 average</b>	36.77	33.75	36.07	38.97	35.90	36.98
<b>2005 average</b>	50.28	47.60	49.29	52.94	48.86	50.24
<b>2006 average</b>	59.69	57.03	59.11	62.62	59.02	60.24
<b>2007 average</b>	66.52	66.36	67.97	69.65	67.04	67.94
<b>2008 average</b>	94.04	90.32	93.33	98.47	92.77	94.74
<b>2009 average</b>	56.35	57.78	60.23	59.49	59.17	59.29
<b>2010 average</b>	74.71	74.19	76.50	78.01	75.86	76.69
<b>2011 average</b>	95.73	101.66	102.92	100.71	102.63	101.87
<b>2012 average</b>	94.52	99.78	101.00	100.72	101.09	100.93
<b>2013 average</b>	95.99	96.56	96.99	102.91	98.11	100.49
<b>2014 average</b>	87.39	85.65	88.16	94.05	89.56	92.02
<b>2015 average</b>	44.39	41.91	45.38	49.94	46.38	48.39
<b>2016 average</b>	38.29	36.37	38.56	42.41	38.75	40.66
<b>2017</b>						
January	48.19	44.62	47.05	51.81	48.12	49.99
February	49.41	45.91	48.08	53.15	49.38	51.24
March	46.39	44.09	46.26	50.60	46.53	48.65
April	47.23	43.60	46.00	51.34	47.47	49.47
May	45.19	43.92	46.15	49.58	47.21	48.47
June	42.17	41.34	43.85	46.26	44.03	45.25
July	43.42	42.09	44.82	47.59	44.76	46.27
August	44.96	44.18	46.93	48.76	47.62	48.22
September	47.17	46.50	49.80	51.07	50.46	50.78
October	49.12	47.22	51.11	53.71	51.40	52.67
November	55.19	52.11	56.10	58.92	56.30	57.75
December	56.98	53.68	56.96	61.10	57.44	59.53
<b>2017 average</b>	48.05	45.58	48.50	52.05	49.12	50.68
<b>2018</b>						
January	62.25	55.73	58.19	66.08	59.39	63.13
February	61.20	53.42	56.73	64.68	57.94	61.71
March	60.68	53.35	56.32	64.03	56.75	60.80
April	63.50	58.53	60.61	67.14	61.25	64.42
May	66.16	62.95	65.15	71.31	66.08	69.00
June	62.80	63.09	65.48	69.55	66.85	68.31
July	67.00	62.35	65.43	73.31	66.77	70.28
August	62.64	61.35	64.11	69.45	65.48	67.68
September	63.55	61.56	63.69	71.04	66.42	69.15
October	65.18	60.19	61.84	73.08	67.74	70.97
November	55.65	R44.62	R47.15	62.47	54.40	59.01
December	47.72	R35.82	R38.65	53.25	42.80	48.83
<b>2018 average</b>	61.41	R56.31	R58.87	67.04	60.95	64.37
<b>2019</b>						
January	47.85	47.23	47.59	R53.73	R49.19	R51.88
February[c]	NA	NA	NA	E58.36	E56.30	E57.41

NA = Not available.

E = Estimated data.

R = Revised data.

[a] Free on Board. See Glossary.

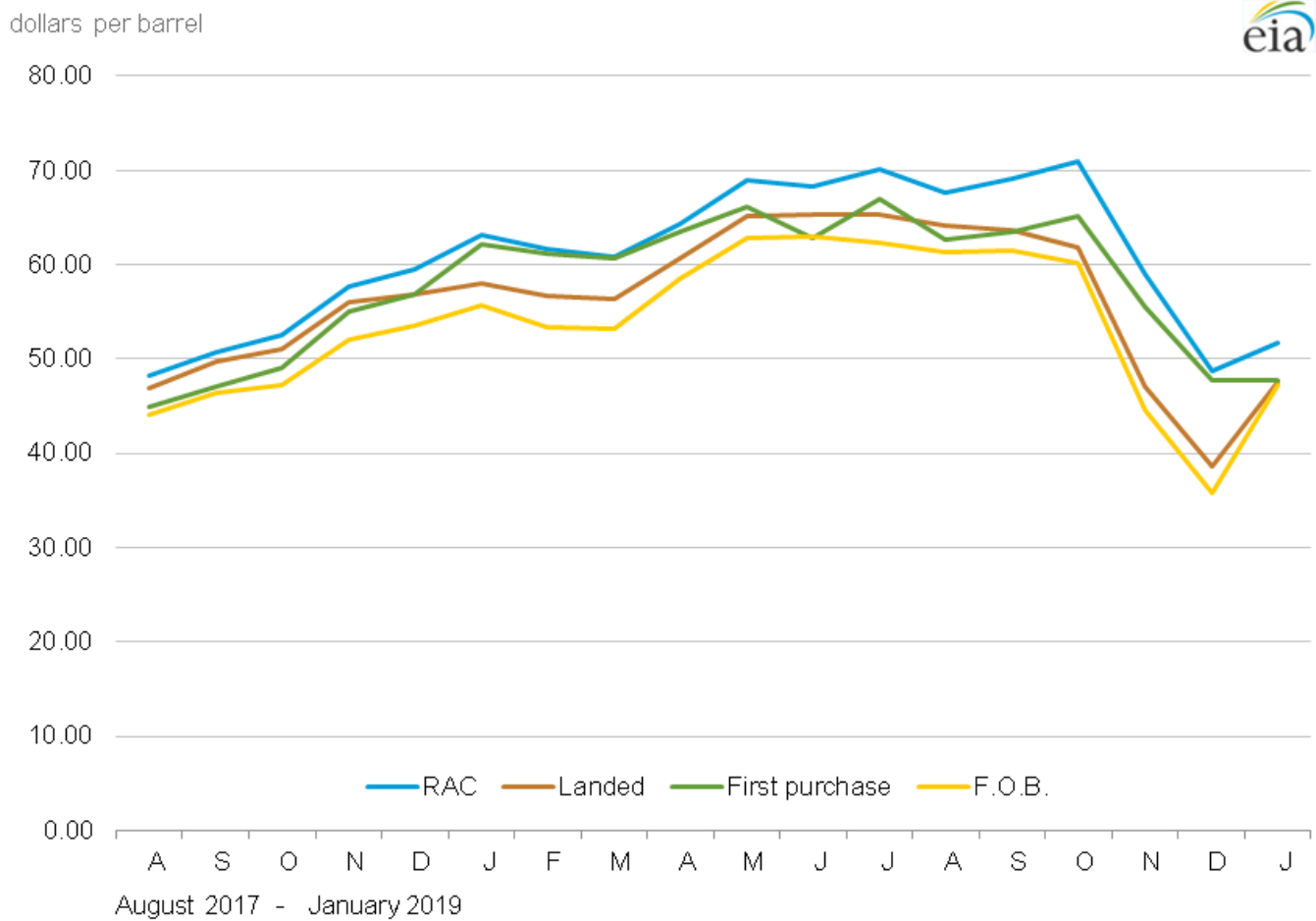
[b] Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section.

[c] Data are initial estimates calculated using regression models based on past and present values, spot prices and other internally computed data. For an explanation of estimation methodology, see the Preface.

Notes: - In November 2017, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values for Domestic First Purchase Price and Refiner Acquisition Cost for the current 2 months, and for Average F.O.B. and Average Landed Costs, for the current 3 months are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: Domestic first purchase prices -- See "Source" from Table 18. Crude oil imports costs -- See "Sources" from Table 21. Refiner acquisition costs -- U.S. Energy Information Administration, Form EIA-14, "Refiners' Monthly Cost Report."

Figure 1. Crude oil prices



Sources: U.S. Energy Information Administration, Form EIA-182, "Domestic Crude Oil First Purchase Report"; Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report"; and Form EIA-14, "Refiners' Monthly Cost Report."  
 Note: RAC stands for refiner acquisition cost.

**Table 1A. Refiner acquisition cost of crude oil by PAD Districts**

dollars per barrel

Year month	U.S.			PAD District 1			PAD District 2		
	Domestic	Imported	Composite	Domestic	Imported	Composite	Domestic	Imported	Composite
<b>2004</b>	38.97	35.90	36.98	40.75	38.29	38.34	40.80	35.63	38.38
<b>2005</b>	52.94	48.86	50.24	56.89	53.29	53.35	54.57	46.11	50.75
<b>2006</b>	62.62	59.02	60.24	66.92	63.53	63.60	63.66	55.19	59.70
<b>2007</b>	69.65	67.04	67.94	70.62	72.48	72.44	71.10	62.17	66.90
<b>2008</b>	98.47	92.77	94.74	100.30	96.90	96.97	100.98	88.45	94.93
<b>2009</b>	59.49	59.17	59.29	59.64	61.68	61.63	60.00	57.00	58.64
<b>2010</b>	78.01	75.86	76.69	75.90	80.03	79.91	78.85	72.24	75.92
<b>2011</b>	100.71	102.63	101.87	98.88	111.53	111.01	96.81	89.15	93.18
<b>2012</b>	100.72	101.09	100.93	104.45	112.27	111.50	95.04	83.90	89.44
<b>2013</b>	102.91	98.11	100.49	106.98	106.74	106.80	100.63	85.43	93.26
<b>2014</b>	94.05	89.56	92.02	96.95	96.51	96.70	93.08	81.66	87.51
<b>2015</b>	49.94	46.38	48.39	52.60	50.40	51.37	49.33	42.70	46.13
<b>2016</b>	42.41	38.75	40.66	44.58	42.54	43.00	43.76	36.19	39.95
<b>2017</b>									
January	51.81	48.12	49.99	55.35	52.87	53.34	52.83	44.53	48.26
February	53.15	49.38	51.24	55.90	52.80	53.29	53.56	46.04	49.59
March	50.60	46.53	48.65	55.85	51.98	52.62	50.84	42.91	46.64
April	51.34	47.47	49.47	54.99	51.26	51.64	51.93	44.10	48.06
May	49.58	47.21	48.47	54.64	50.66	51.17	49.72	44.65	47.27
June	46.26	44.03	45.25	52.47	47.87	48.38	46.39	41.59	44.14
July	47.59	44.76	46.27	54.32	48.41	48.92	47.81	42.13	44.99
August	48.76	47.62	48.22	56.03	50.70	51.02	49.34	44.57	46.95
September	51.07	50.46	50.78	56.14	54.06	54.24	51.08	45.39	48.22
October	53.71	51.40	52.67	58.25	55.31	55.55	53.16	45.71	49.59
November	58.92	56.30	57.75	62.13	60.85	61.00	58.26	50.75	54.69
December	61.10	57.44	59.53	64.57	63.94	64.04	59.64	50.87	55.54
<b>2017</b>	52.05	49.12	50.68	56.98	53.46	53.87	52.03	45.21	48.63
<b>2018</b>									
January	66.08	59.39	63.13	66.24	65.97	66.01	65.21	51.67	58.61
February	64.68	57.94	61.71	66.09	64.96	65.16	63.69	48.42	56.43
March	64.03	56.75	60.80	66.71	65.31	65.63	64.24	47.18	56.31
April	67.14	61.25	64.42	69.95	70.27	70.21	67.21	51.04	59.15
May	71.31	66.08	69.00	71.37	72.17	72.00	70.94	58.27	64.69
June	69.55	66.85	68.31	71.35	72.91	72.62	68.42	59.35	64.14
July	73.31	66.77	70.28	72.72	71.71	71.90	73.40	62.05	67.65
August	69.45	65.48	67.68	72.07	72.03	72.04	69.20	58.09	64.13
September	71.04	66.42	69.15	73.74	75.40	74.83	70.14	54.36	63.22
October	73.08	67.74	70.97	75.33	75.36	75.35	71.74	52.76	63.58
November	62.47	54.40	59.01	69.43	69.13	69.18	57.01	38.34	47.16
December	53.25	42.80	48.83	60.15	61.46	61.18	47.52	19.78	33.41
<b>2018</b>	67.04	60.95	64.37	69.71	69.63	69.64	65.69	49.58	57.93
<b>2019</b>									
January	R53.73	R49.19	R51.88	59.24	59.65	59.58	50.20	38.76	44.42

See footnotes at end of table.

**Table 1A. Refiner acquisition cost of crude oil by PAD Districts (cont.)**

dollars per barrel

Year month	PAD District 3			PAD District 4			PAD District 5		
	Domestic	Imported	Composite	Domestic	Imported	Composite	Domestic	Imported	Composite
<b>2004</b>	39.28	34.79	35.87	39.98	35.93	37.81	36.81	38.20	37.30
<b>2005</b>	53.17	47.77	48.99	53.50	48.54	50.89	50.61	50.77	50.67
<b>2006</b>	63.17	58.34	59.54	60.80	56.17	58.45	60.90	61.44	61.15
<b>2007</b>	70.58	66.34	67.48	65.79	60.81	63.43	67.47	69.42	68.34
<b>2008</b>	100.39	91.86	94.11	91.49	88.56	90.12	94.53	96.30	95.35
<b>2009</b>	60.61	59.21	59.64	56.30	56.53	56.39	57.79	60.07	58.78
<b>2010</b>	78.73	75.67	76.65	73.56	70.77	72.37	76.56	78.23	77.34
<b>2011</b>	103.24	104.78	104.24	89.34	84.87	87.61	103.83	105.68	104.73
<b>2012</b>	104.32	105.18	104.83	86.83	80.80	84.63	103.03	106.43	104.69
<b>2013</b>	104.64	101.42	103.02	88.96	80.75	85.21	103.82	105.12	104.40
<b>2014</b>	94.67	90.84	93.06	84.63	78.73	81.93	94.45	96.13	95.22
<b>2015</b>	50.16	46.49	48.75	44.77	39.73	42.28	50.30	50.91	50.59
<b>2016</b>	41.97	38.22	40.42	41.48	34.49	38.11	42.10	42.21	42.16
<b>2017</b>									
January	51.15	48.10	49.85	50.68	41.66	46.38	52.87	52.35	52.61
February	52.72	49.73	51.37	52.61	42.82	47.68	53.93	52.71	53.31
March	50.32	46.58	48.77	49.06	40.36	44.87	51.24	50.43	50.83
April	50.98	47.37	49.51	49.19	40.95	45.53	52.31	50.78	51.48
May	49.39	46.88	48.41	48.03	42.03	45.68	50.25	49.78	49.98
June	46.02	43.62	45.11	44.97	40.31	43.17	46.91	46.53	46.72
July	47.24	43.93	45.96	46.30	42.36	44.55	48.78	48.53	48.64
August	48.11	47.46	47.87	48.76	42.63	46.02	50.27	50.44	50.37
September	50.53	51.49	50.87	50.47	43.58	47.34	53.23	53.92	53.62
October	53.35	52.03	52.87	51.66	44.11	48.56	56.57	56.09	56.32
November	58.69	56.47	57.89	56.98	49.24	53.78	61.56	61.45	61.50
December	61.28	58.19	60.23	57.78	48.21	53.79	63.05	62.02	62.54
<b>2017</b>	51.74	49.12	50.73	50.43	43.05	47.19	53.44	52.77	53.08
<b>2018</b>									
January	66.00	61.15	64.23	63.61	47.53	56.04	68.59	66.23	67.50
February	64.83	60.66	63.32	60.99	43.15	53.36	66.70	64.23	65.47
March	63.43	58.65	61.64	61.80	42.31	53.23	66.74	64.27	65.38
April	66.59	63.43	65.39	64.52	45.53	56.14	69.83	67.99	68.89
May	70.66	67.10	69.43	68.34	54.97	63.22	75.58	73.75	74.62
June	69.28	67.69	68.68	65.51	56.58	61.50	74.53	73.54	73.96
July	73.40	67.85	71.29	68.56	57.79	63.67	74.24	70.45	72.15
August	68.89	65.76	67.77	66.53	56.09	61.96	73.81	72.11	72.81
September	70.38	69.92	70.22	69.11	47.78	59.76	75.91	74.03	74.93
October	72.86	72.38	72.72	67.91	52.13	59.81	77.82	76.72	77.24
November	63.26	60.90	62.54	52.37	34.08	42.36	69.68	66.88	68.31
December	54.32	51.89	53.60	44.09	22.24	33.15	58.83	56.42	57.58
<b>2018</b>	66.93	64.01	65.91	62.90	45.92	55.08	70.80	68.91	69.81
<b>2019</b>									
January	54.23	52.79	53.85	48.44	37.65	42.94	59.05	58.06	58.53

R = Revised data.

Notes: - U.S. is defined as the 50 states, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. Values reflect the PAD District in which the crude oil is intended to be refined. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2017 are final.

Sources: U.S. Energy Information Administration Form EIA-14, "Refiners' Monthly Cost Report," January 2004 to present."

**Table 2. U.S. refiner prices of petroleum products to end users**

dollars per gallon excluding taxes

						No. 2 distillate					
Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 diesel fuel	No. 2 fuel oil	Average	No. 4 fuel[a]	Residual fuel oil
1994	0.738	0.957	0.534	0.530	0.660	0.640	0.554	0.572	0.556	0.501	0.352
1995	0.765	1.005	0.540	0.492	0.589	0.620	0.560	0.562	0.560	0.505	0.392
1996	0.847	1.116	0.651	0.605	0.740	0.726	0.681	0.673	0.680	0.603	0.455
1997	0.839	1.128	0.613	0.552	0.745	0.689	0.642	0.636	0.642	0.565	0.423
1998	0.673	0.975	0.452	0.405	0.501	0.551	0.494	0.482	0.492	0.428	0.305
1999	0.781	1.059	0.543	0.458	0.605	0.621	0.584	0.558	0.580	0.474	0.374
2000	1.106	1.306	0.899	0.603	1.123	0.988	0.935	0.927	0.934	0.769	0.602
2001	1.032	1.323	0.775	0.506	1.045	0.902	0.842	0.829	0.840	0.679	0.531
2002	0.947	1.288	0.721	0.419	0.990	0.828	0.762	0.737	0.759	0.657	0.569
2003	1.156	1.493	0.872	0.577	1.224	1.017	0.944	0.933	0.942	0.856	0.698
2004	1.435	1.819	1.207	0.839	1.160	1.262	1.243	1.173	1.235	1.017	0.739
2005	1.829	2.231	1.735	1.089	1.957	1.832	1.786	1.705	1.777	W	1.048
2006	2.128	2.682	1.998	1.358	2.244	2.137	2.096	1.982	2.091	W	1.218
2007	2.345	2.849	2.165	1.489	2.263	2.286	2.267	2.241	2.266	W	1.374
2008	2.775	3.273	3.052	1.892	3.283	2.983	3.150	2.986	3.143	W	1.964
2009	1.888	2.442	1.704	1.220	2.675	2.141	1.834	1.962	1.840	W	1.341
2010	2.301	3.028	2.201	1.481	3.063	2.705	2.314	2.462	2.318	W	1.713
2011	3.050	3.803	3.054	1.709	3.616	3.467	3.117	3.193	3.119	W	2.401
2012	3.154	3.971	3.104	1.139	3.843	3.580	3.202	3.358	3.206	W	2.592
2013	3.049	3.932	2.979	1.028	3.842	3.483	3.122	3.335	3.126	W	2.482
2014	2.855	3.986	2.772	1.097	W	3.117	2.923	3.329	2.924	W	2.325
2015	2.003	W	1.629	0.481	W	1.822	1.819	2.016	1.821	W	1.285
2016	1.730	W	1.319	0.498	W	1.702	1.511	1.716	1.512	W	0.945
2017											
January	1.900	W	1.584	0.774	W	2.138	1.747	NA	1.750	W	1.309
February	1.862	W	1.615	0.814	W	2.190	1.755	2.033	1.757	W	1.291
March	1.904	W	1.554	0.657	W	2.142	1.699	1.909	1.701	W	1.239
April	1.997	W	1.595	0.652	W	W	1.747	2.081	1.748	W	1.201
May	1.963	W	1.492	0.650	2.637	W	1.693	NA	1.694	W	1.213
June	1.906	W	1.434	0.611	2.600	2.018	1.618	1.739	1.618	W	1.195
July	1.871	W	1.478	0.667	2.621	W	1.665	1.728	1.665	-	1.211
August	1.952	W	1.613	0.768	2.579	W	1.792	1.904	1.793	W	1.204
September	2.154	W	1.795	0.895	2.703	2.382	1.959	2.044	1.959	W	1.314
October	2.042	W	1.743	0.972	W	2.452	1.982	2.048	1.983	-	1.304
November	2.122	W	1.831	1.011	W	2.466	2.047	2.134	2.048	-	1.413
December	2.034	W	1.869	1.028	W	2.423	2.037	2.263	2.039	-	1.484
2017	1.976	W	1.629	0.772	W	2.230	1.811	2.010	1.813	W	1.287
2018											
January	2.108	W	2.012	0.971	W	2.506	2.144	2.206	2.145	-	1.507
February	2.127	W	1.970	0.948	W	2.510	2.107	2.365	2.110	-	1.490
March	2.160	W	1.924	0.842	W	2.566	2.076	2.484	2.078	-	1.452
April	2.315	W	2.080	0.839	W	W	2.201	2.486	2.202	-	1.504
May	2.494	W	2.221	0.916	3.219	W	2.368	2.478	2.368	-	1.667
June	2.469	W	2.196	0.883	3.292	W	2.340	2.413	2.341	-	1.731
July	2.442	W	2.176	0.956	W	W	2.316	2.436	2.316	-	1.767
August	2.421	W	2.183	0.989	3.272	W	2.327	2.499	2.327	-	1.764
September	2.428	W	2.257	1.062	3.189	W	2.388	2.612	2.388	-	1.761
October	2.441	W	2.349	0.988	W	2.850	2.500	2.696	2.501	-	1.875
November	2.205	W	2.162	0.876	W	2.719	2.282	2.431	2.284	-	1.827
December	1.973	W	1.852	0.794	W	2.397	1.981	2.222	1.983	-	1.608
2018	2.303	W	2.119	0.925	3.113	2.600	2.256	2.380	2.257	-	1.662
2019											
January	1.855	2.624	1.827	0.756	W	2.323	1.960	2.195	1.962	-	1.472

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

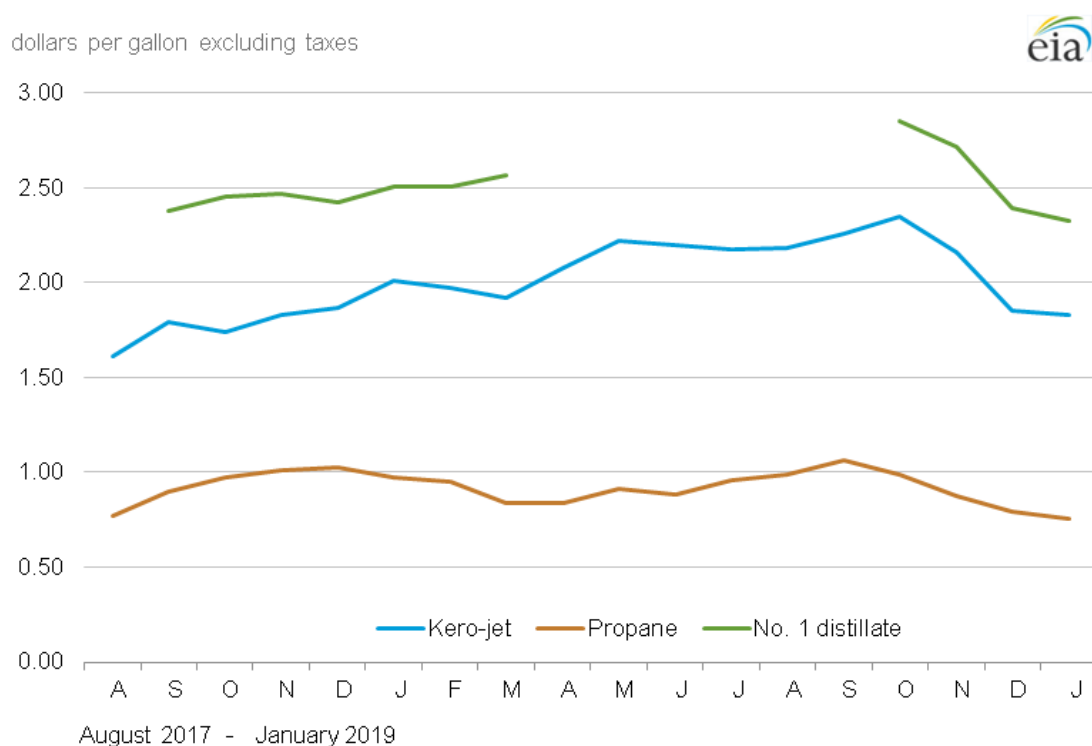
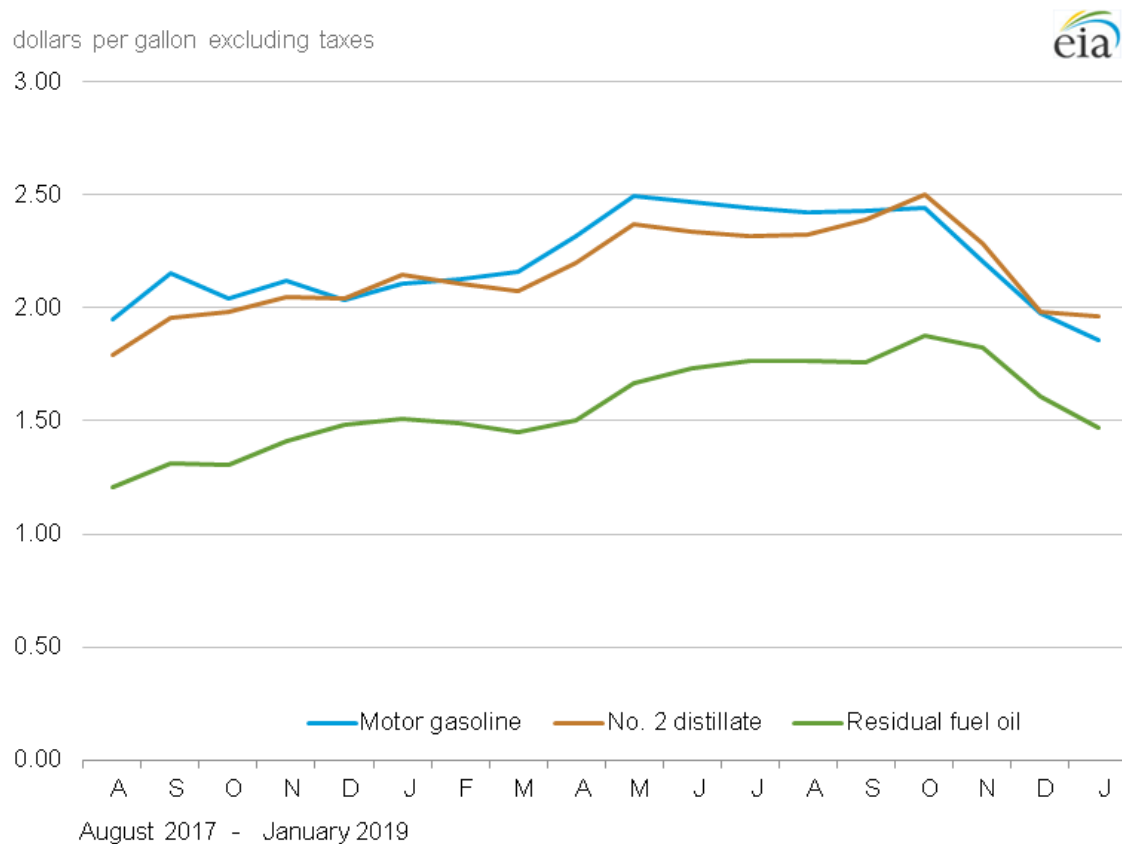
R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Figure 2. U.S. Refiner retail petroleum product prices



Sources: U.S. Energy Information Administration, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Sales Report."



**Table 3. U.S. refiner volumes of petroleum products to end users**

million gallons per day

						No. 2 distillate					
Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 diesel fuel	No. 2 fuel oil	Average	No. 4 fuel[a]	Residual fuel oil
1994	55.0	0.2	45.2	2.2	0.4	0.4	21.3	3.4	24.6	0.8	13.5
1995	55.9	0.2	45.7	3.2	0.6	0.3	21.6	3.3	24.9	0.5	11.6
1996	57.5	0.2	48.7	3.1	0.4	0.3	21.9	3.1	25.0	0.4	12.9
1997	61.1	0.2	49.7	3.2	0.3	0.4	22.0	3.0	25.0	0.3	13.4
1998	63.3	0.2	48.9	3.1	0.4	0.4	21.1	3.2	24.3	0.3	14.4
1999	62.0	0.1	47.0	3.6	0.2	0.3	21.1	3.0	24.1	0.3	13.9
2000	60.9	0.2	49.3	2.9	0.2	0.3	22.6	2.8	25.4	0.3	13.1
2001	62.0	0.1	49.7	3.6	0.2	0.3	22.9	3.0	26.0	0.4	14.8
2002	63.6	0.1	49.1	2.6	0.1	0.3	19.6	3.0	22.6	0.4	10.4
2003	63.8	0.1	44.0	2.5	0.1	0.3	16.7	2.7	19.5	0.3	10.7
2004	58.4	0.1	46.4	2.7	0.5	0.2	16.9	2.4	19.3	0.3	10.2
2005	59.0	0.1	45.2	3.2	0.1	0.3	17.0	2.1	19.1	W	10.4
2006	60.0	0.1	42.1	2.7	0.1	0.2	24.2	1.2	25.4	W	10.4
2007	57.7	0.1	40.1	3.3	0.1	0.2	23.6	0.8	24.3	W	10.9
2008	55.1	0.1	39.9	2.7	NA	0.1	19.9	0.9	20.8	W	8.4
2009	49.8	0.2	38.0	3.7	NA	0.1	16.9	0.9	17.8	W	8.5
2010	44.7	0.1	34.8	3.9	0.0	0.1	15.3	0.4	15.8	W	7.6
2011	39.0	0.1	33.3	4.5	0.0	0.1	13.4	0.4	13.8	W	6.4
2012	29.7	0.1	32.5	5.6	0.0	0.1	12.2	0.3	12.5	W	5.5
2013	24.7	0.0	31.4	5.3	0.0	0.1	11.5	0.2	11.7	W	5.2
2014	21.6	0.0	31.3	4.9	W	0.1	11.9	0.1	11.9	W	4.6
2015	25.5	W	33.4	5.6	W	0.1	12.6	0.1	12.7	W	4.0
2016	25.6	W	31.2	6.1	W	0.1	12.6	0.1	12.7	W	4.2
2017											
January	22.9	W	28.7	5.7	W	0.1	12.2	NA	12.4	W	3.9
February	23.8	W	30.6	6.4	W	0.1	12.0	0.1	12.1	W	4.4
March	24.5	W	33.1	5.1	W	0.1	12.8	0.1	12.9	W	4.6
April	24.3	W	30.9	5.8	W	W	12.0	0.1	12.0	W	3.8
May	24.9	W	31.6	6.7	0.0	W	12.4	NA	12.5	W	3.8
June	25.7	W	33.2	5.0	0.0	0.0	12.3	0.0	12.3	W	3.7
July	24.8	W	32.7	5.0	0.0	W	12.0	0.1	12.1	-	3.4
August	25.2	W	32.1	5.8	0.0	W	12.7	0.1	12.8	W	3.7
September	24.6	W	30.4	4.9	0.0	0.1	12.4	0.1	12.4	W	4.1
October	24.9	W	29.5	3.9	W	0.1	12.3	0.1	12.4	-	3.5
November	24.3	W	30.4	4.4	W	0.1	12.7	0.2	12.9	-	4.3
December	24.1	W	28.8	3.1	W	0.1	11.4	0.1	11.5	-	4.6
2018											
January	22.5	W	29.1	3.5	W	0.1	11.7	0.3	12.0	-	3.7
February	23.4	W	27.8	3.2	W	0.1	11.8	0.1	12.0	-	3.6
March	24.1	W	31.7	3.4	W	0.1	12.7	0.1	12.8	-	3.6
April	23.8	W	29.9	4.3	W	W	13.0	0.0	13.0	-	3.5
May	24.3	W	32.0	3.0	0.0	W	12.2	0.1	12.3	-	3.2
June	25.1	W	31.3	3.3	0.0	W	11.5	0.1	11.6	-	3.0
July	24.6	W	33.2	3.1	W	W	12.4	0.1	12.4	-	3.5
August	25.4	W	33.3	4.4	0.0	W	13.4	0.0	13.4	-	3.2
September	24.4	W	32.2	3.7	0.0	W	13.3	0.0	13.3	-	3.6
October	24.7	W	32.1	4.2	W	0.1	13.3	0.1	13.4	-	3.8
November	24.6	W	30.9	3.7	W	0.1	13.1	0.2	13.3	-	3.4
December	24.2	W	R32.2	R2.9	W	0.1	12.5	0.1	12.6	-	3.5
2018	24.3	W	31.3	3.6	0.0	0.1	12.6	0.1	12.7	-	3.5
2019											
January	23.2	0.0	29.4	3.5	W	0.1	12.5	0.1	12.6	-	3.6

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

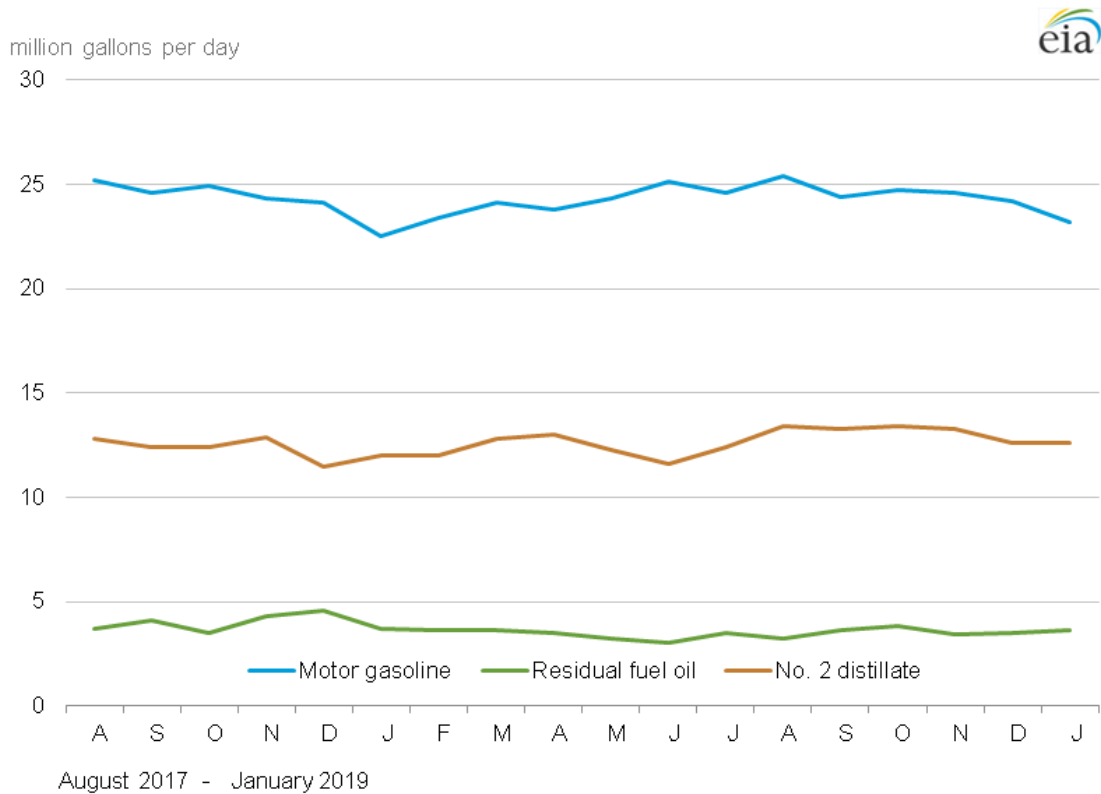
R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

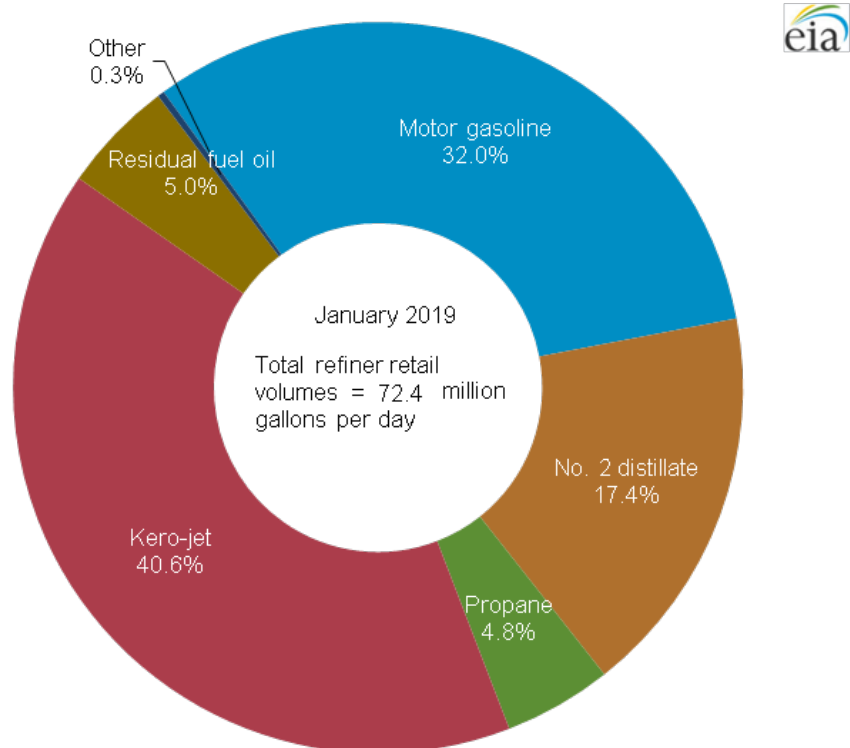
Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Figure 3. U.S. Refiner retail petroleum product volumes



%



Source: U.S. Energy Information Administration, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 4. U.S. refiner prices of petroleum products for resale**

dollars per gallon excluding taxes

						No. 2 distillate					
Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 diesel fuel	No. 2 fuel oil	Average	No. 4 fuel[a]	Residual fuel oil
1994	0.599	0.933	0.534	0.324	0.618	0.615	0.529	0.506	0.522	0.462	0.317
1995	0.626	0.975	0.539	0.344	0.580	0.625	0.538	0.511	0.530	0.463	0.363
1996	0.713	1.055	0.646	0.461	0.714	0.751	0.659	0.639	0.653	0.603	0.420
1997	0.70	1.065	0.613	0.416	0.653	0.723	0.606	0.590	0.602	0.551	0.387
1998	0.526	0.912	0.450	0.288	0.465	0.513	0.444	0.422	0.439	0.383	0.280
1999	0.645	1.007	0.533	0.342	0.550	0.634	0.546	0.493	0.536	0.430	0.354
2000	0.963	1.330	0.880	0.595	0.969	1.019	0.898	0.886	0.896	0.778	0.566
2001	0.886	1.256	0.763	0.540	0.821	0.883	0.784	0.756	0.779	0.697	0.476
2002	0.828	1.146	0.716	0.431	0.752	0.805	0.724	0.694	0.718	0.663	0.530
2003	1.002	1.288	0.871	0.607	0.955	1.033	0.883	0.881	0.882	0.793	0.661
2004	1.288	1.627	1.208	0.751	1.271	1.289	1.187	1.125	1.178	1.033	0.681
2005	1.670	2.076	1.723	0.933	1.757	1.801	1.737	1.623	1.720	1.377	0.971
2006	1.969	2.490	1.961	1.031	2.007	2.044	2.012	1.834	1.991	1.395	1.136
2007	2.182	2.758	2.171	1.194	2.249	2.430	2.203	2.072	2.190	1.551	1.350
2008	2.586	3.342	3.020	1.437	2.851	2.712	2.994	2.745	2.970	2.157	1.866
2009	1.767	2.480	1.719	0.921	1.844	2.050	1.713	1.657	1.707	1.561	1.342
2010	2.165	2.874	2.185	1.212	2.299	2.573	2.214	2.147	2.208	W	1.697
2011	2.867	3.739	3.014	1.467	3.065	3.223	3.034	2.907	3.025	2.801	2.336
2012	2.929	3.919	3.080	1.033	3.163	3.349	3.109	3.031	3.103	W	2.457
2013	2.812	3.869	2.953	1.048	3.084	3.340	3.028	2.966	3.025	2.767	2.278
2014	2.618	3.687	2.763	1.165	2.882	3.213	2.812	2.741	2.809	2.333	2.044
2015	1.726	2.764	1.592	0.555	1.735	1.957	1.667	1.565	1.663	1.215	0.996
2016	1.454	2.404	1.295	0.523	1.383	1.589	1.378	1.239	1.370	0.956	0.745
2017											
January	1.627	2.614	1.561	0.788	1.761	1.964	1.636	1.560	1.629	W	1.119
February	1.625	2.592	1.592	0.792	1.657	1.882	1.641	1.553	1.634	W	1.121
March	1.634	2.618	1.520	0.671	1.580	1.854	1.581	1.495	1.575	W	1.077
April	1.723	2.724	1.545	0.641	1.572	1.953	1.627	1.499	1.620	W	1.039
May	1.668	2.620	1.459	0.631	1.481	1.920	1.552	1.447	1.548	W	1.043
June	1.574	2.552	1.378	0.585	1.360	1.823	1.465	1.375	1.461	W	0.991
July	1.621	2.608	1.436	0.634	1.468	1.869	1.533	1.392	1.529	W	1.039
August	1.711	2.710	1.587	0.742	1.630	1.997	1.681	1.522	1.675	W	1.079
September	1.826	2.893	1.771	0.864	1.809	2.207	1.847	1.668	1.841	W	1.138
October	1.730	2.716	1.704	0.942	1.805	2.206	1.852	1.695	1.846	W	1.176
November	1.806	2.841	1.795	0.997	1.961	2.284	1.936	1.781	1.926	W	1.279
December	1.720	2.691	1.846	0.991	2.034	2.256	1.918	1.841	1.911	W	1.249
2017	1.689	2.682	1.603	0.800	1.730	2.093	1.691	1.600	1.686	W	1.116
2018											
January	1.849	2.900	1.969	0.990	2.209	2.430	2.042	1.990	2.036	W	1.310
February	1.823	2.893	1.911	0.889	2.088	2.295	1.972	1.889	1.966	W	1.319
March	1.889	2.904	1.893	0.827	1.969	2.209	1.952	1.848	1.946	W	1.302
April	2.054	3.085	2.032	0.792	2.075	2.414	2.099	1.982	2.093	W	1.348
May	2.205	3.181	2.175	0.867	2.205	2.606	2.258	2.143	2.254	W	1.500
June	2.135	3.138	2.152	0.807	2.145	2.544	2.203	2.089	2.200	W	1.553
July	2.148	3.111	2.140	0.854	2.133	2.489	2.192	2.079	2.189	W	1.581
August	2.118	3.085	2.148	0.907	2.169	2.485	2.203	2.114	2.201	W	1.549
September	2.136	3.124	2.214	0.951	2.246	2.560	2.282	2.214	2.280	W	1.560
October	2.090	3.099	2.296	0.948	2.437	2.665	2.379	2.281	2.373	W	1.700
November	1.732	2.762	2.100	0.826	2.206	2.449	2.130	2.098	2.128	W	1.556
December	R1.514	2.463	R1.811	R0.798	1.954	2.175	1.794	1.796	1.794	W	1.293
2018	1.980	3.006	2.073	0.877	2.160	2.380	2.130	2.002	2.123	W	1.463
2019											
January	1.483	2.395	1.822	0.775	2.021	2.127	1.789	1.813	1.791	W	1.305

W = Withheld to avoid disclosure of individual company data.

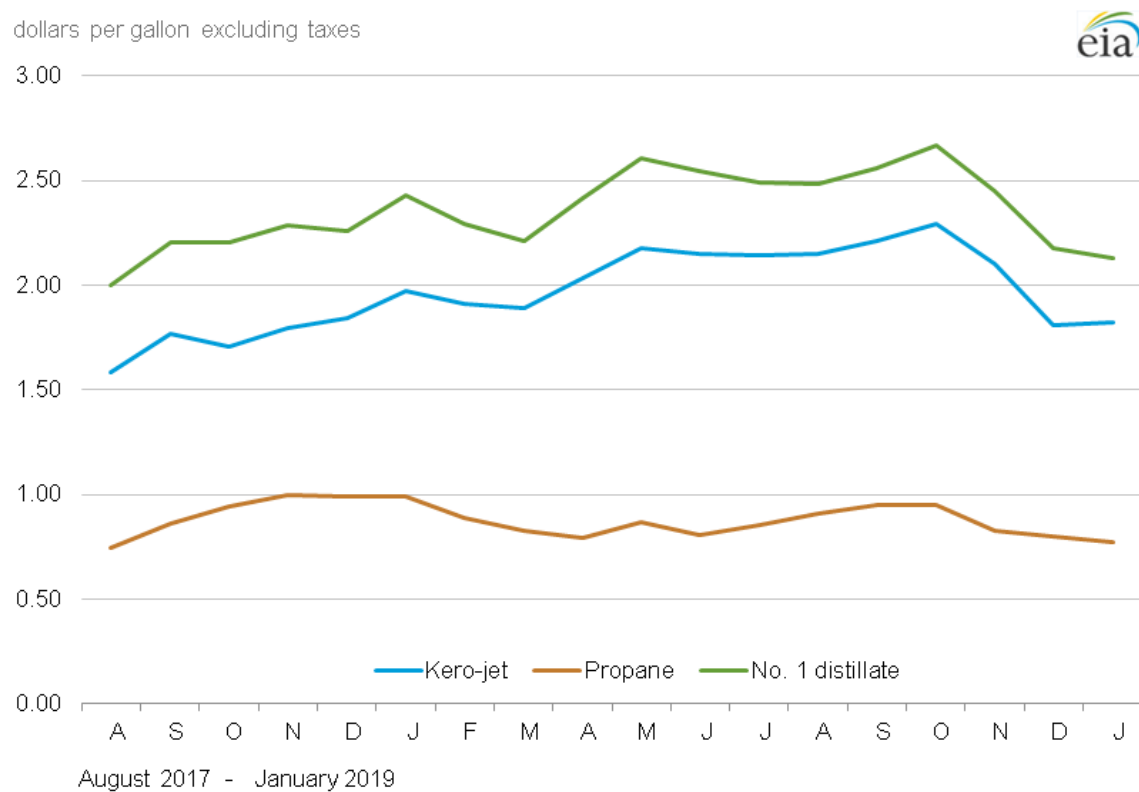
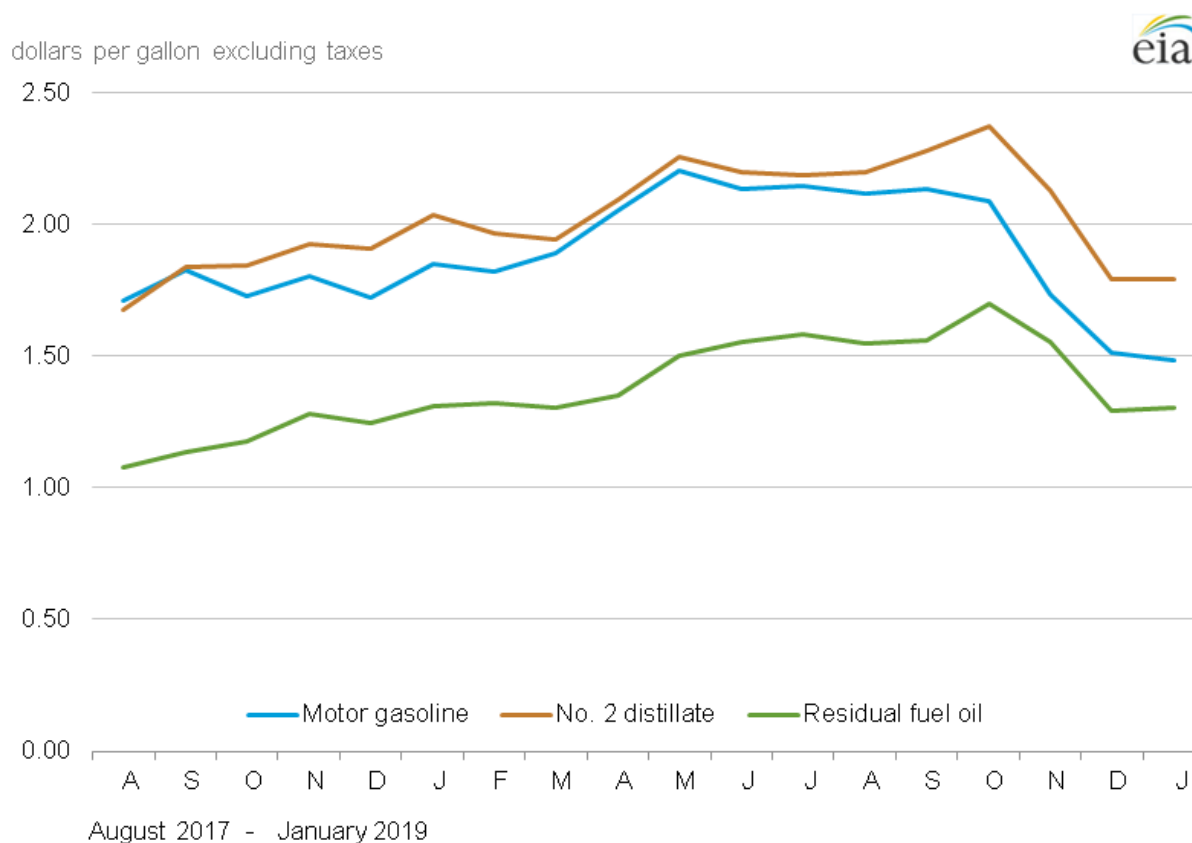
R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Figure 4. U.S. Refiner wholesale petroleum product prices



Source: U.S. Energy Information Administration, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 5. U.S. refiner volumes of petroleum sales for resale**

million gallons per day

				Propane (consumer grade)			No. 2 distillate				
Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel		Kerosene	No. 1 distillate	No. 2 diesel fuel	No. 2 fuel oil	Average	No. 4 fuel[a]	Residual fuel oil
1994	276.7	0.7	9.1	28.4	2.5	1.9	72.4	32.9	105.3	0.4	12.8
1995	288.8	0.6	9.9	30.6	2.4	1.7	75.9	31.0	106.9	0.3	13.6
1996	293.6	0.6	11.5	32.9	2.7	1.8	83.7	33.1	116.8	0.3	13.8
1997	292.7	0.6	11.3	32.2	2.5	1.6	88.7	31.2	119.9	0.2	11.5
1998	300.4	0.6	12.2	32.7	2.2	1.4	91.9	27.3	119.2	0.1	15.4
1999	306.9	0.7	15.2	33.6	2.4	1.7	95.5	24.3	119.9	0.2	11.5
2000	304.4	0.6	15.7	34.8	2.3	1.5	98.8	23.3	122.1	0.2	10.5
2001	305.2	0.6	14.3	35.0	2.2	1.4	101.3	25.2	126.4	0.1	10.3
2002	311.8	0.6	12.1	32.9	2.0	1.3	100.8	23.6	124.4	0.1	8.8
2003	311.6	0.5	12.2	36.5	2.3	1.2	108.9	20.9	129.8	0.1	6.7
2004	316.4	0.6	12.7	40.3	2.1	1.3	116.5	19.6	136.1	NA	5.9
2005	321.8	0.5	15.2	35.1	2.0	1.4	118.7	20.6	139.3	NA	4.7
2006	315.6	0.5	15.2	39.4	1.4	1.3	123.2	16.7	139.9	0.3	6.5
2007	319.8	0.5	16.6	41.7	1.4	0.9	135.3	14.5	149.8	0.3	8.2
2008	306.4	0.4	16.5	34.2	1.0	1.0	138.7	14.9	153.6	0.2	9.5
2009	307.4	0.4	15.2	31.8	1.3	1.0	128.0	15.1	143.1	0.1	9.8
2010	312.0	0.4	20.3	28.3	1.4	0.9	135.5	11.5	147.0	W	10.7
2011	296.3	0.4	23.0	28.6	1.2	1.0	134.6	10.7	145.3	0.1	12.2
2012	294.7	0.4	23.5	27.6	1.2	0.8	136.9	10.7	147.6	W	8.8
2013	291.0	0.4	26.4	34.9	1.3	1.0	142.9	7.7	150.6	0.1	9.0
2014	289.2	0.4	27.5	32.9	1.4	1.4	146.3	7.0	153.3	0.1	8.0
2015	298.7	0.4	28.6	31.6	1.2	1.2	146.5	6.7	153.2	0.2	8.1
2016	303.8	0.4	30.3	32.4	1.2	1.0	138.3	8.2	146.5	0.1	8.4
2017											
January	277.9	0.3	30.2	38.5	1.4	2.5	129.6	13.7	143.4	W	6.6
February	289.7	0.4	32.8	37.3	1.3	1.8	134.3	11.3	145.6	W	6.2
March	297.2	0.4	31.8	28.0	0.7	0.9	138.0	9.6	147.5	W	5.9
April	302.9	0.4	40.2	23.3	0.7	0.2	139.3	8.0	147.3	W	6.2
May	306.0	0.4	40.2	20.0	0.8	0.1	152.1	5.5	157.6	W	5.9
June	309.7	0.6	40.2	21.5	0.6	0.1	156.7	6.8	163.5	W	8.2
July	304.0	0.5	39.7	20.0	0.7	0.1	146.1	4.2	150.3	W	6.3
August	314.9	0.5	40.2	24.7	0.7	0.2	151.2	5.4	156.6	W	8.4
September	302.5	0.5	39.6	27.2	0.8	0.3	150.2	5.5	155.6	W	7.8
October	305.9	0.5	39.4	30.4	1.0	1.0	159.1	6.9	166.0	W	8.4
November	304.8	0.4	38.5	36.7	1.3	2.3	153.5	10.7	164.2	W	7.2
December	302.2	0.5	43.6	39.7	1.6	2.8	147.1	14.5	161.6	W	8.1
2017	301.5	0.4	38.1	28.9	1.0	1.0	146.5	8.5	155.0	W	7.1
2018											
January	283.1	0.3	41.1	46.8	2.3	3.2	145.8	17.5	163.4	W	8.9
February	296.0	0.3	41.4	39.3	1.5	2.5	144.5	12.6	157.1	W	7.7
March	306.3	0.4	38.3	31.4	1.0	1.1	148.8	9.5	158.3	W	7.4
April	306.9	0.5	40.0	24.4	0.8	0.4	156.2	9.0	165.3	W	7.0
May	318.4	0.5	41.8	20.9	0.8	0.1	159.3	5.3	164.7	W	8.4
June	319.5	0.5	44.1	18.9	0.9	0.1	160.4	4.2	164.7	W	8.1
July	312.1	0.6	42.7	19.3	0.8	0.1	154.1	3.8	158.0	W	7.3
August	314.5	0.5	43.3	21.9	1.2	0.2	159.4	3.3	162.7	W	7.6
September	305.4	0.4	40.2	20.8	1.8	0.4	156.3	4.7	161.0	W	7.8
October	306.2	0.5	37.9	28.5	1.0	1.2	161.2	9.7	170.9	W	7.3
November	301.8	0.3	38.1	33.6	1.4	2.7	155.3	12.9	168.1	W	6.7
December	293.9	0.4	R37.2	R36.1	1.4	2.4	152.3	17.1	169.5	W	7.3
2018	305.4	0.4	40.5	28.4	1.2	1.2	154.5	9.1	163.7	W	7.6
2019											
January	287.2	0.4	36.4	41.2	1.8	3.3	150.2	15.7	165.9	W	7.2

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

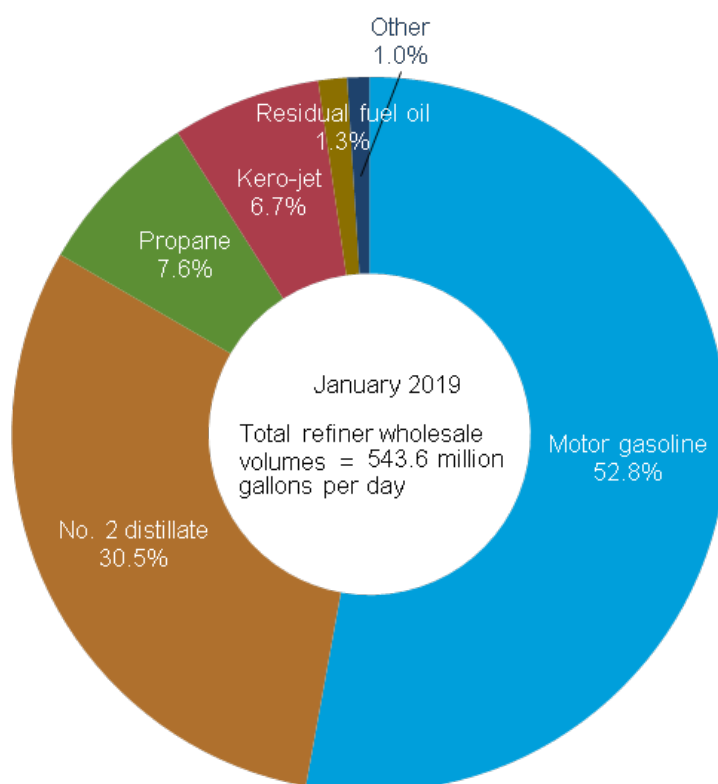
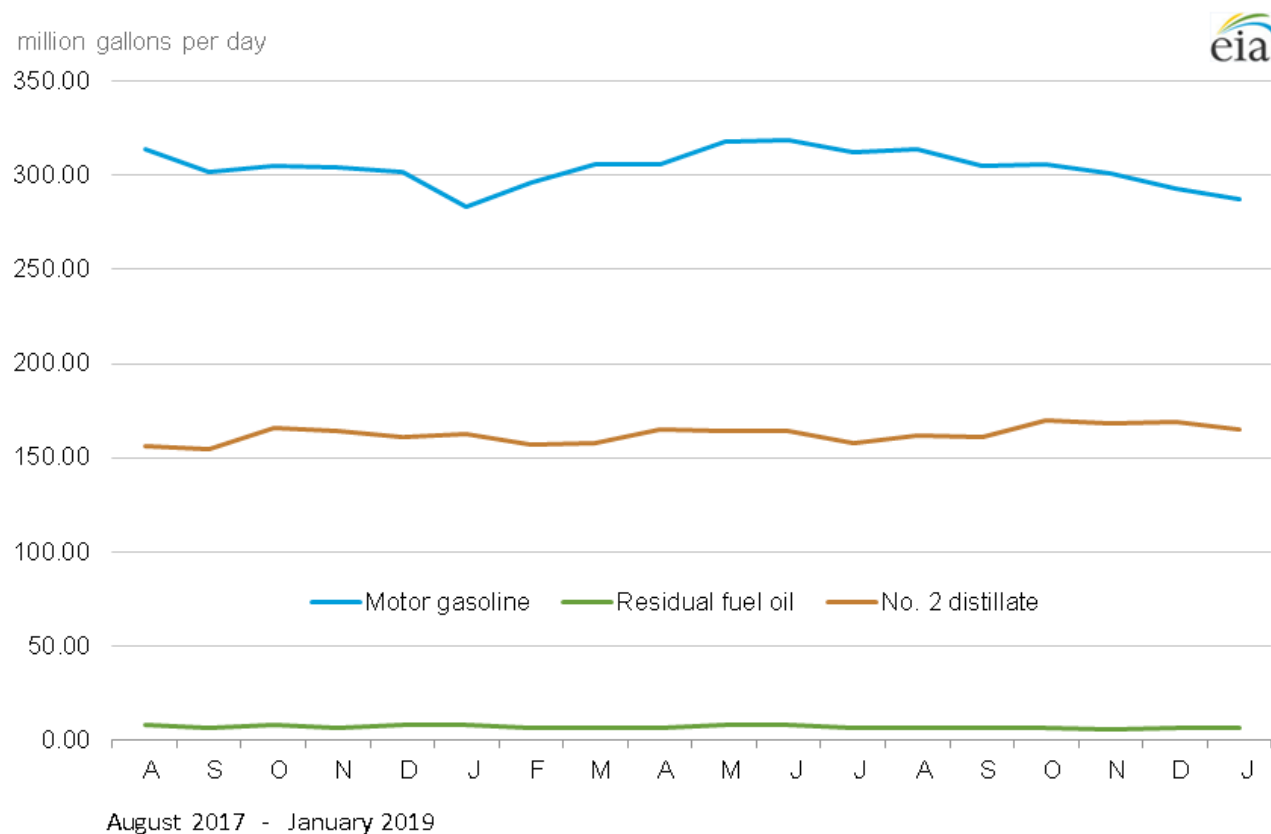
R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Figure 5. U.S. Refiner wholesale petroleum product volumes



Source: U.S. Energy Information Administration, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 6. U.S. refiner motor gasoline prices by grade and sales type**

dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.695	0.689	0.646	0.547	0.502	0.566	0.791	0.785	0.704	0.584	NA	0.638
1995	0.723	0.717	0.682	0.576	0.534	0.593	0.813	0.808	0.737	0.619	NA	0.670
1996	0.812	0.807	0.770	0.672	0.622	0.685	0.901	0.896	0.824	0.709	NA	0.759
1997	0.803	0.798	0.764	0.656	0.615	0.673	0.898	0.895	0.822	0.694	0.711	0.749
1998	0.634	0.630	0.596	0.481	0.449	0.499	0.731	0.728	0.655	0.521	NA	0.576
1999	0.747	0.742	0.730	0.605	0.542	0.620	0.838	0.835	0.784	0.639	NA	0.696
2000	1.077	1.073	1.042	0.927	0.873	0.942	1.171	1.168	1.099	0.960	-	1.013
2001	1	0.997	0.977	0.848	0.786	0.865	1.103	1.10	1.042	0.888	-	0.945
2002	0.915	0.912	0.886	0.801	0.735	0.806	1.013	1.010	0.968	0.839	-	0.885
2003	1.127	1.123	1.134	0.965	0.888	0.981	1.222	1.218	1.196	1.004	-	1.061
2004	1.407	1.404	1.414	1.257	1.182	1.269	1.503	1.499	1.469	1.296	-	1.340
2005	1.805	1.802	1.765	1.653	1.568	1.654	1.896	1.893	1.821	1.681	-	1.708
2006	2.102	2.099	2.082	1.944	1.866	1.950	2.216	2.213	2.157	1.987	-	2.016
2007	2.318	2.315	2.278	2.161	2.074	2.161	2.440	2.438	2.351	2.226	-	2.245
2008	2.752	2.748	2.702	2.558	2.525	2.570	2.880	2.879	2.775	2.588	-	2.610
2009	1.860	1.856	1.866	1.744	1.668	1.747	1.998	1.997	1.957	1.762	-	1.784
2010	2.275	2.270	2.261	2.144	2.073	2.146	2.416	2.416	2.357	2.168	-	2.185
2011	3.028	3.021	2.961	2.846	2.762	2.847	3.165	3.165	3.057	2.880	-	2.893
2012	3.132	3.118	3.086	2.892	2.836	2.904	3.291	3.290	3.194	2.906	-	2.925
2013	3.029	3.010	2.907	2.769	2.747	2.779	3.200	3.199	3.038	2.862	-	2.876
2014	2.832	2.811	2.767	2.574	2.520	2.584	3.031	3.030	2.903	2.716	-	2.738
2015	1.939	1.938	2.105	1.654	1.604	1.681	2.225	2.224	2.252	1.824	-	1.872
2016	1.661	1.660	1.701	1.392	1.354	1.410	1.935	1.934	1.839	1.552	-	1.586
2017												
January	1.831	1.830	1.822	1.571	1.583	1.588	2.112	2.111	1.950	1.730	-	1.757
February	1.785	1.785	1.897	1.560	1.567	1.583	2.103	2.101	2.056	1.729	-	1.769
March	1.826	1.826	1.964	1.562	1.563	1.590	2.146	2.144	2.105	1.735	-	1.780
April	1.925	1.924	2.002	1.660	1.616	1.680	2.210	2.206	2.148	1.831	-	1.868
May	1.886	1.885	2.005	1.596	1.557	1.620	2.194	2.192	2.143	1.774	-	1.815
June	1.829	1.828	1.920	1.500	1.506	1.528	2.143	2.142	2.033	1.677	-	1.715
July	1.795	1.794	1.869	1.557	1.518	1.576	2.090	2.089	2.009	1.727	-	1.757
August	1.879	1.877	1.962	1.648	1.608	1.666	2.175	2.173	2.105	1.822	-	1.852
September	2.082	2.080	2.094	1.763	1.707	1.781	2.386	2.382	2.200	1.948	-	1.977
October	1.970	1.968	1.979	1.670	1.660	1.689	2.270	2.268	2.112	1.835	-	1.868
November	2.054	2.052	2.037	1.748	1.761	1.767	2.345	2.342	2.170	1.905	-	1.935
December	1.964	1.963	1.931	1.662	1.710	1.683	2.258	2.256	2.067	1.813	-	1.844
2017	1.903	1.902	1.957	1.625	1.622	1.647	2.202	2.200	2.090	1.791	-	1.826
2018												
January	2.039	2.037	2.066	1.791	1.803	1.810	2.330	2.328	2.227	1.953	-	1.986
February	2.049	2.047	2.153	1.750	1.838	1.782	2.389	2.386	2.302	1.924	-	1.970
March	2.080	2.078	2.248	1.820	1.805	1.846	2.419	2.417	2.415	1.997	-	2.047
April	2.241	2.239	2.411	1.985	1.945	2.010	2.556	2.554	2.560	2.167	-	2.214
May	2.422	2.419	2.549	2.140	2.090	2.162	2.736	2.733	2.680	2.319	-	2.358
June	2.395	2.392	2.502	2.065	2.063	2.092	2.723	2.721	2.612	2.253	-	2.291
July	2.369	2.367	2.446	2.084	2.053	2.105	2.679	2.677	2.580	2.271	-	2.305
August	2.348	2.345	2.402	2.053	2.046	2.075	2.662	2.661	2.546	2.237	-	2.270
September	2.352	2.349	2.479	2.069	2.046	2.093	2.679	2.678	2.631	2.254	-	2.296
October	2.361	2.357	2.592	2.005	2.060	2.046	2.725	2.723	2.725	2.202	-	2.261
November	2.117	2.113	2.320	1.643	1.679	1.688	2.534	2.532	2.435	1.833	-	1.899
December	1.881	1.878	R2.087	R1.425	1.459	R1.469	2.300	2.299	R2.225	R1.611	-	R1.681
2018	2.225	2.222	2.359	1.907	1.923	1.937	2.565	2.563	2.498	2.098	-	2.143
2019												
January	1.766	1.763	1.984	1.405	1.406	1.441	2.158	2.157	2.138	1.583	-	1.643

See footnotes at end of table.

**Table 6. U.S. refiner motor gasoline prices by grade and sales type (cont.)**

dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.873	0.865	0.787	0.640	0.556	0.695	0.744	0.738	0.693	0.567	0.509	0.599
1995	0.897	0.890	0.822	0.673	0.583	0.722	0.771	0.765	0.729	0.598	0.540	0.626
1996	0.979	0.972	0.897	0.762	0.669	0.803	0.853	0.847	0.809	0.690	0.627	0.713
1997	0.979	0.973	0.895	0.749	0.658	0.792	0.844	0.839	0.803	0.674	0.620	0.70
1998	0.811	0.805	0.726	0.573	0.489	0.617	0.678	0.673	0.636	0.50	0.454	0.526
1999	0.912	0.906	0.851	0.687	0.585	0.726	0.785	0.781	0.765	0.621	0.549	0.645
2000	1.250	1.242	1.174	1.017	0.927	1.055	1.111	1.106	1.074	0.940	0.879	0.963
2001	1.181	1.175	1.112	0.936	0.830	0.980	1.035	1.032	1.009	0.862	0.791	0.886
2002	1.094	1.088	1.030	0.899	0.80	0.928	0.949	0.947	0.922	0.816	0.741	0.828
2003	1.312	1.305	1.269	1.064	0.955	1.113	1.160	1.156	1.164	0.978	0.893	1.002
2004	1.603	1.596	1.553	1.361	1.274	1.408	1.439	1.435	1.442	1.270	1.187	1.288
2005	2	1.992	1.901	1.760	1.696	1.789	1.833	1.829	1.791	1.664	1.576	1.670
2006	2.326	2.320	2.231	2.093	1.988	2.117	2.131	2.128	2.110	1.959	1.873	1.969
2007	2.558	2.552	2.460	2.339	2.209	2.357	2.349	2.345	2.311	2.180	2.080	2.182
2008	2.971	2.965	2.846	2.718	2.689	2.746	2.778	2.775	2.726	2.572	2.532	2.586
2009	2.128	2.122	2.059	1.941	1.816	1.958	1.892	1.888	1.899	1.761	1.675	1.767
2010	2.543	2.536	2.446	2.334	2.187	2.346	2.306	2.301	2.293	2.162	2.078	2.165
2011	3.291	3.283	3.139	3.047	2.873	3.049	3.058	3.050	2.990	2.864	2.769	2.867
2012	3.413	3.400	3.273	3.149	3.102	3.163	3.168	3.154	3.117	2.916	2.861	2.929
2013	3.320	3.307	3.108	3.076	3.010	3.075	3.068	3.049	2.942	2.801	2.774	2.812
2014	3.152	3.138	2.941	2.878	2.783	2.880	2.876	2.855	2.800	2.606	2.548	2.618
2015	2.392	2.386	2.312	2.035	1.845	2.061	2.006	2.003	2.148	1.696	1.627	1.726
2016	2.134	2.132	1.939	1.757	1.535	1.767	1.731	1.730	1.754	1.434	1.374	1.454
2017												
January	2.323	2.320	2.065	1.908	1.761	1.922	1.902	1.900	1.876	1.607	1.601	1.627
February	2.322	2.318	2.162	1.908	1.793	1.940	1.863	1.862	1.956	1.598	1.584	1.625
March	2.365	2.362	2.213	1.921	1.756	1.953	1.905	1.904	2.019	1.602	1.589	1.634
April	2.423	2.421	2.249	2.015	1.821	2.036	1.998	1.997	2.058	1.701	1.636	1.723
May	2.411	2.408	2.257	1.963	1.777	1.994	1.964	1.963	2.062	1.639	1.578	1.668
June	2.361	2.358	2.149	1.860	1.730	1.892	1.908	1.906	1.971	1.543	1.533	1.574
July	2.304	2.300	2.116	1.912	1.757	1.934	1.872	1.871	1.925	1.599	1.544	1.621
August	2.387	2.382	2.216	2.008	1.845	2.028	1.954	1.952	2.019	1.691	1.633	1.711
September	2.593	2.589	2.335	2.129	2.038	2.152	2.157	2.154	2.147	1.805	1.737	1.826
October	2.479	2.475	2.225	2.009	1.862	2.031	2.044	2.042	2.034	1.708	1.681	1.730
November	2.558	2.554	2.285	2.070	1.902	2.086	2.125	2.122	2.091	1.784	1.778	1.806
December	2.474	2.470	2.167	1.976	1.819	1.990	2.036	2.034	1.984	1.697	1.724	1.720
2017	2.416	2.413	2.204	1.973	1.825	1.997	1.978	1.976	2.013	1.665	1.644	1.689
2018												
January	2.552	2.547	2.328	2.115	1.992	2.136	2.111	2.108	2.125	1.827	1.824	1.849
February	2.619	2.614	2.413	2.087	1.982	2.126	2.130	2.127	2.211	1.787	1.851	1.823
March	2.649	2.644	2.523	2.166	2.013	2.206	2.162	2.160	2.307	1.859	1.821	1.889
April	2.787	2.783	2.663	2.342	2.189	2.376	2.317	2.315	2.467	2.026	1.969	2.054
May	2.952	2.945	2.789	2.492	2.315	2.521	2.498	2.494	2.602	2.181	2.108	2.205
June	2.940	2.933	2.726	2.420	2.226	2.444	2.473	2.469	2.551	2.105	2.083	2.135
July	2.897	2.891	2.687	2.434	2.255	2.455	2.445	2.442	2.499	2.125	2.076	2.148
August	2.881	2.874	2.652	2.397	2.215	2.421	2.424	2.421	2.457	2.093	2.065	2.118
September	2.897	2.891	2.740	2.410	2.263	2.446	2.431	2.428	2.537	2.108	2.065	2.136
October	2.962	2.954	2.840	2.361	2.249	2.419	2.445	2.441	2.647	2.045	2.080	2.090
November	2.764	2.755	2.542	1.998	1.825	2.062	2.210	2.205	2.369	1.683	1.694	1.732
December	2.534	2.526	R2.321	R1.766	1.594	R1.832	1.977	1.973	R2.140	R1.464	1.476	R1.514
2018	2.790	2.784	2.605	2.256	2.105	2.293	2.306	2.303	2.413	1.947	1.942	1.980
2019												
January	2.401	2.394	2.232	1.734	1.548	1.786	1.858	1.855	2.040	1.442	1.423	1.483

NA = Not available.

- = No data reported.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales. - Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent. - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."



**Table 7. U.S. refiner motor gasoline volumes by grade and sales type**

million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	34.3	35.9	47.7	120.3	24.3	192.3	8.5	8.7	12.8	15.7	0.2	28.7
1995	34.3	35.9	43.8	126.2	31.8	201.8	9.6	9.8	13.3	17.2	0.1	30.6
1996	37.2	38.9	46.5	131.9	35.2	213.6	9.5	9.8	12.9	16.6	NA	29.5
1997	40.5	42.4	46.2	135.7	33.9	215.8	9.7	10.0	12.1	16.3	NA	28.4
1998	41.7	43.2	44.4	138.9	37.1	220.3	10.1	10.3	11.1	16.3	NA	27.4
1999	41.6	43.0	45.6	147.5	34.5	227.6	9.9	10.1	10.5	16.1	NA	26.6
2000	43.6	45.0	47.5	159.3	32.4	239.3	8.6	8.7	8.8	14.2	-	23.0
2001	45.0	46.3	47.2	163.2	33.0	243.5	8.3	8.4	7.8	13.3	-	21.1
2002	46.2	47.4	46.9	163.0	39.2	249.2	8.3	8.5	7.4	13.4	-	20.8
2003	47.3	48.6	43.5	171.4	40.1	255.0	7.8	7.9	5.5	13.1	-	18.6
2004	44.5	45.8	41.1	182.1	42.2	265.4	6.4	6.5	4.4	12.7	-	17.0
2005	46.4	47.5	37.5	189.8	45.8	273.2	5.9	6.0	3.2	13.5	-	16.7
2006	48.2	49.4	34.8	196.0	40.8	271.7	5.5	5.5	2.4	11.7	-	14.1
2007	47.0	47.8	34.0	195.7	46.8	276.6	5.0	5.0	2.0	11.7	-	13.7
2008	45.6	46.6	32.5	192.7	43.7	268.8	4.1	4.2	1.5	11.0	-	12.5
2009	40.5	42.2	32.4	196.8	39.3	268.5	3.5	3.5	1.3	10.2	-	11.5
2010	36.6	38.1	29.0	202.2	41.4	272.5	3.0	3.1	0.9	9.9	-	10.8
2011	32.1	33.5	24.9	204.9	30.5	260.2	2.5	2.5	0.7	8.5	-	9.2
2012	23.6	25.2	22.4	209.3	25.8	257.5	1.9	1.9	0.6	8.3	-	8.9
2013	19.3	20.9	22.7	209.2	22.3	254.2	1.6	1.6	0.6	6.7	-	7.2
2014	16.7	18.2	18.9	216.9	18.9	254.8	1.4	1.4	0.4	3.1	-	3.5
2015	20.8	21.1	18.0	224.2	19.6	261.8	1.7	1.8	0.3	2.7	-	3.1
2016	20.8	21.0	17.9	228.0	19.0	264.9	1.8	1.8	0.3	2.5	-	2.8
2017												
January	18.8	19.0	16.3	212.3	15.4	244.1	1.6	1.6	0.3	2.0	-	2.3
February	19.4	19.7	17.0	221.5	16.2	254.7	1.6	1.7	0.3	2.0	-	2.3
March	20.0	20.2	17.8	229.7	12.3	259.8	1.7	1.7	0.3	2.1	-	2.4
April	19.8	20.0	17.5	229.1	18.4	265.0	1.7	1.7	0.3	2.1	-	2.4
May	20.2	20.4	17.5	233.9	14.8	266.2	1.7	1.8	0.3	2.3	-	2.6
June	20.9	21.1	17.6	238.4	13.0	269.0	1.8	1.8	0.3	2.4	-	2.7
July	20.1	20.3	17.3	234.6	12.0	264.0	1.7	1.8	0.3	2.3	-	2.6
August	20.5	20.8	17.7	241.0	15.5	274.1	1.8	1.8	0.3	2.3	-	2.6
September	20.0	20.3	17.2	229.5	17.8	264.6	1.7	1.7	0.3	2.1	-	2.3
October	20.3	20.6	17.1	234.1	16.5	267.7	1.7	1.7	0.3	2.0	-	2.3
November	19.9	20.2	17.0	231.5	18.4	266.8	1.7	1.7	0.3	2.0	-	2.2
December	19.8	20.0	16.8	230.0	17.6	264.4	1.6	1.7	0.3	1.9	-	2.1
2017	20.0	20.2	17.2	230.5	15.6	263.4	1.7	1.7	0.3	2.1	-	2.4
2018												
January	18.5	18.7	15.9	215.9	16.4	248.3	1.5	1.5	0.2	1.7	-	2.0
February	19.2	19.5	16.8	224.3	18.9	260.1	1.6	1.6	0.2	1.8	-	2.0
March	19.7	20.0	17.3	231.3	20.4	269.0	1.7	1.7	0.2	1.8	-	2.1
April	19.6	19.8	17.5	231.0	20.6	269.0	1.6	1.6	0.3	1.9	-	2.1
May	19.8	20.1	17.3	240.2	21.5	279.0	1.7	1.7	0.2	2.0	-	2.2
June	20.5	20.8	17.4	242.1	20.4	279.8	1.7	1.7	0.2	2.0	-	2.2
July	20.0	20.3	17.3	237.2	18.3	272.7	1.7	1.7	0.2	2.0	-	2.2
August	20.7	21.0	17.6	241.8	15.5	275.0	1.7	1.7	0.2	2.0	-	2.2
September	19.8	20.1	17.1	230.0	20.7	267.8	1.7	1.7	0.2	1.8	-	2.0
October	20.3	20.6	17.0	236.1	15.9	269.0	1.7	1.7	0.2	1.7	-	1.9
November	20.2	20.5	16.7	233.2	15.2	265.1	1.7	1.7	0.2	1.7	-	1.9
December	19.8	20.0	16.6	227.2	13.5	257.2	1.6	1.6	0.2	1.6	-	1.8
2018	19.9	20.1	17.0	232.6	18.1	267.7	1.6	1.7	0.2	1.8	-	2.1
2019												
January	19.0	19.2	15.6	218.2	17.9	251.7	1.6	1.6	0.2	1.5	-	1.7

See footnotes at end of table.

**Table 7. U.S. refiner motor gasoline volumes by grade and sales type (cont.)**

million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	10.0	10.3	22.6	29.9	3.2	55.7	52.8	55.0	83.1	165.9	27.7	276.7
1995	9.8	10.2	20.8	31.5	4.2	56.4	53.7	55.9	77.9	174.8	36.0	288.8
1996	8.4	8.8	18.2	28.3	4.1	50.5	55.1	57.5	77.5	176.8	39.3	293.6
1997	8.4	8.8	16.9	27.6	4.0	48.5	58.7	61.1	75.1	179.6	38.0	292.7
1998	9.6	9.9	17.4	30.9	4.3	52.7	61.4	63.3	73.0	186.1	41.4	300.4
1999	8.7	8.9	16.1	31.0	5.7	52.7	60.2	62.0	72.2	194.6	40.2	306.9
2000	6.9	7.1	13.0	24.4	4.7	42.1	59.1	60.9	69.4	197.9	37.1	304.4
2001	7.1	7.3	12.3	24.6	3.7	40.6	60.4	62.0	67.4	201.1	36.7	305.2
2002	7.5	7.8	12.5	25.2	4.1	41.8	62.1	63.6	66.9	201.7	43.3	311.8
2003	7.1	7.3	10.8	23.9	3.3	38.1	62.2	63.8	59.8	208.4	43.4	311.6
2004	5.9	6.1	9.4	22.3	2.3	34.0	56.9	58.4	54.8	217.1	44.5	316.4
2005	5.2	5.4	8.0	20.9	3.0	31.9	57.5	59.0	48.7	224.2	48.9	321.8
2006	4.9	5.1	7.1	20.3	2.4	29.7	58.6	60.0	44.3	228.0	43.2	315.6
2007	4.7	4.8	6.9	20.2	2.4	29.5	56.7	57.7	43.0	227.6	49.2	319.8
2008	4.2	4.3	5.9	17.1	1.9	25.0	53.9	55.1	39.9	220.8	45.7	306.4
2009	4.0	4.1	6.3	19.1	2.1	27.4	48.0	49.8	39.9	226.1	41.4	307.4
2010	3.4	3.5	5.7	20.9	2.1	28.7	43.1	44.7	35.7	232.9	43.5	312.0
2011	2.9	3.0	4.6	20.3	2.0	26.9	37.5	39.0	30.1	233.7	32.5	296.3
2012	2.5	2.6	4.2	21.6	2.6	28.4	28.0	29.7	27.2	239.2	28.4	294.7
2013	2.2	2.3	4.3	22.7	2.6	29.6	23.0	24.7	27.6	238.6	24.8	291.0
2014	1.9	2.0	4.2	24.4	2.3	30.9	19.9	21.6	23.5	244.5	21.2	289.2
2015	2.6	2.6	4.5	27.3	2.0	33.8	25.1	25.5	22.9	254.2	21.6	298.7
2016	2.7	2.7	5.0	28.8	2.4	36.1	25.3	25.6	23.2	259.3	21.3	303.8
2017												
January	2.3	2.4	4.5	25.3	1.7	31.5	22.7	22.9	21.2	239.6	17.1	277.9
February	2.4	2.4	4.7	26.7	1.3	32.7	23.5	23.8	22.0	250.2	17.5	289.7
March	2.5	2.5	4.9	28.1	1.9	34.9	24.2	24.5	23.0	259.9	14.2	297.2
April	2.5	2.6	4.9	28.5	2.1	35.5	24.1	24.3	22.7	259.7	20.5	302.9
May	2.6	2.7	5.0	30.6	1.6	37.2	24.6	24.9	22.8	266.8	16.4	306.0
June	2.7	2.7	5.0	31.2	1.8	38.0	25.4	25.7	22.8	272.1	14.8	309.7
July	2.7	2.7	5.0	30.9	1.5	37.4	24.6	24.8	22.6	267.9	13.5	304.0
August	2.7	2.7	5.1	31.3	1.8	38.1	24.9	25.2	23.0	274.6	17.3	314.9
September	2.6	2.6	4.8	29.0	1.8	35.6	24.3	24.6	22.3	260.6	19.6	302.5
October	2.6	2.6	4.9	29.2	1.9	36.0	24.6	24.9	22.3	265.3	18.3	305.9
November	2.4	2.4	4.6	28.6	2.5	35.7	24.0	24.3	21.9	262.0	20.9	304.8
December	2.4	2.4	4.8	28.3	2.6	35.6	23.8	24.1	21.9	260.1	20.2	302.2
2017	2.5	2.6	4.9	29.0	1.9	35.7	24.2	24.5	22.4	261.6	17.5	301.5
2018												
January	2.3	2.3	4.5	26.3	2.0	32.8	22.3	22.5	20.7	244.0	18.4	283.1
February	2.3	2.3	4.7	27.3	2.0	34.0	23.1	23.4	21.8	253.4	20.8	296.0
March	2.4	2.5	4.7	28.7	1.7	35.2	23.8	24.1	22.3	261.9	22.1	306.3
April	2.4	2.4	4.9	28.7	2.2	35.8	23.5	23.8	22.6	261.5	22.8	306.9
May	2.5	2.5	4.8	30.5	1.9	37.2	24.0	24.3	22.3	272.7	23.4	318.4
June	2.5	2.6	4.8	29.9	2.8	37.5	24.7	25.1	22.4	273.9	23.2	319.5
July	2.5	2.5	4.8	30.0	2.3	37.1	24.2	24.6	22.3	269.2	20.6	312.1
August	2.6	2.6	4.9	30.5	2.0	37.3	25.0	25.4	22.8	274.2	17.5	314.5
September	2.5	2.5	4.8	28.9	1.9	35.6	24.0	24.4	22.1	260.7	22.6	305.4
October	2.4	2.4	4.7	28.6	1.9	35.2	24.3	24.7	21.9	266.4	17.9	306.2
November	2.4	2.4	4.7	28.5	1.7	34.9	24.3	24.6	21.5	263.4	16.9	301.8
December	2.5	2.5	4.7	28.2	1.9	34.9	23.9	24.2	21.5	257.0	15.4	293.9
2018	2.4	2.5	4.7	28.8	2.0	35.6	23.9	24.3	22.0	263.3	20.1	305.4
2019												
January	2.4	2.4	4.4	27.0	2.4	33.9	22.9	23.2	20.3	246.7	20.3	287.2

NA = Not available.

- = No data reported.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. - Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 8. U.S. refiner conventional motor gasoline prices by grade and sales type**

dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.687	0.681	0.636	0.545	0.50	0.558	0.784	0.778	0.694	NA	NA	0.627
1995	0.710	0.704	0.651	0.570	0.525	0.573	0.80	0.794	0.711	0.610	NA	0.637
1996	0.797	0.791	0.743	0.665	0.607	0.664	0.884	0.878	0.801	0.70	NA	0.726
1997	0.781	0.775	0.719	0.649	0.60	0.648	0.874	0.869	0.783	0.685	W	0.708
1998	0.611	0.606	0.551	0.473	0.439	0.473	0.704	0.70	0.613	0.511	W	0.533
1999	0.710	0.706	0.676	0.595	0.520	0.590	0.802	0.799	0.734	0.628	-	0.650
2000	1.045	1.040	0.994	0.913	0.844	0.909	1.136	1.133	1.052	0.945	-	0.964
2001	0.961	0.958	0.914	0.835	0.761	0.830	1.058	1.055	0.984	0.872	-	0.889
2002	0.893	0.891	0.836	0.791	0.723	0.782	0.985	0.981	0.906	0.829	-	0.839
2003	1.081	1.078	1.040	0.952	0.871	0.942	1.173	1.168	1.108	0.994	-	1.006
2004	1.368	1.364	1.325	1.244	1.170	1.234	1.454	1.450	1.391	1.287	-	1.296
2005	1.780	1.776	1.709	1.643	1.555	1.629	1.861	1.857	1.781	1.675	-	1.682
2006	2.062	2.060	2.054	1.925	1.864	1.918	2.166	2.164	2.134	1.972	-	1.980
2007	2.292	2.289	2.242	2.153	2.065	2.138	2.392	2.390	2.298	2.222	-	2.225
2008	2.717	2.714	2.698	2.560	2.513	2.555	2.829	2.829	2.734	2.581	-	2.586
2009	1.825	1.821	1.817	1.735	1.657	1.723	1.936	1.936	1.877	1.751	-	1.755
2010	2.244	2.239	2.244	2.139	2.065	2.128	2.361	2.361	2.336	2.160	-	2.164
2011	2.998	2.989	2.916	2.834	2.751	2.825	3.105	3.104	3.033	2.869	-	2.872
2012	3.076	3.060	2.999	2.867	2.816	2.864	3.202	3.202	3.117	2.886	-	2.890
2013	2.975	2.954	2.797	2.745	2.724	2.745	3.110	3.110	2.947	2.850	-	2.852
2014	2.775	2.753	2.706	2.558	2.502	2.556	2.932	2.931	2.858	2.703	-	2.711
2015	1.833	1.833	1.858	1.625	1.575	1.625	2.033	2.032	2.090	1.794	-	1.809
2016	1.591	1.591	1.497	1.375	1.332	1.374	1.811	1.811	1.681	1.541	-	1.549
2017												
January	1.768	1.768	1.663	1.557	1.575	1.561	2.009	2.008	1.817	1.724	-	1.730
February	1.700	1.701	1.679	1.540	1.546	1.544	1.956	1.956	1.866	1.709	-	1.719
March	1.739	1.740	1.766	1.542	W	1.546	1.994	1.992	1.961	1.715	-	1.730
April	1.858	1.858	1.831	1.635	1.594	1.636	2.099	2.094	2.003	1.811	-	1.822
May	1.803	1.803	1.781	1.563	W	1.566	2.057	2.056	1.977	1.751	-	1.764
June	1.746	1.746	1.704	1.475	W	1.480	2.005	2.004	1.906	1.662	-	1.676
July	1.721	1.721	1.709	1.532	1.488	1.534	1.967	1.967	1.877	1.714	-	1.723
August	1.807	1.806	1.803	1.632	W	1.632	2.056	2.055	1.954	1.817	-	1.825
September	2.013	2.011	1.923	1.750	W	1.748	2.279	2.273	2.048	1.948	-	1.954
October	1.905	1.904	1.792	1.661	W	1.663	2.171	2.168	1.978	1.838	-	1.847
November	1.985	1.984	1.899	1.737	W	1.741	2.235	2.231	2.058	1.902	-	1.912
December	1.900	1.899	1.815	1.651	1.700	1.658	2.158	2.155	2.006	1.812	-	1.825
2017	1.829	1.829	1.780	1.607	1.602	1.610	2.082	2.080	1.954	1.781	-	1.791
2018												
January	1.965	1.963	1.888	1.776	1.783	1.779	2.203	2.201	2.087	1.945	-	1.954
February	1.949	1.948	1.934	1.732	1.827	1.744	2.218	2.216	2.151	1.912	-	1.928
March	1.974	1.973	2.051	1.791	1.776	1.795	2.235	2.233	2.253	1.972	-	1.990
April	2.148	2.148	2.232	1.956	1.915	1.957	2.411	2.408	2.436	2.147	-	2.165
May	2.331	2.328	2.385	2.106	2.067	2.107	2.597	2.592	2.579	2.300	-	2.316
June	2.298	2.295	2.340	2.036	2.044	2.042	2.579	2.576	2.532	2.246	-	2.261
July	2.286	2.284	2.288	2.063	2.027	2.065	2.550	2.548	2.458	2.270	-	2.281
August	2.267	2.264	2.235	2.038	2.025	2.041	2.536	2.535	2.442	2.244	-	2.254
September	2.265	2.263	2.271	2.054	2.028	2.056	2.537	2.536	2.485	2.252	-	2.266
October	2.249	2.247	2.358	1.989	2.042	1.999	2.540	2.538	2.586	2.190	-	2.213
November	1.984	1.982	2.115	1.628	1.655	1.639	2.314	2.312	2.383	1.824	-	1.855
December	1.731	1.729	1.880	1.394	1.437	1.406	2.047	2.047	2.150	1.579	-	1.612
2018	2.123	2.122	2.167	1.885	1.903	1.892	2.401	2.399	2.378	2.087	-	2.104
2019												
January	1.623	1.622	1.728	1.369	1.383	1.377	1.911	1.912	2.002	1.544	-	1.568

See footnotes at end of table.

**Table 8. U.S. refiner conventional motor gasoline prices by grade and sales type (cont.)**

dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.863	0.855	0.778	0.638	0.555	0.682	0.736	0.729	0.683	0.565	0.507	0.589
1995	0.877	0.868	0.790	0.665	0.568	0.684	0.753	0.746	0.693	0.590	0.530	0.598
1996	0.960	0.951	0.869	0.755	0.645	0.767	0.834	0.827	0.778	0.682	0.610	0.685
1997	0.954	0.946	0.856	0.742	0.641	0.753	0.819	0.813	0.756	0.666	0.604	0.668
1998	0.783	0.776	0.684	W	0.474	0.576	0.652	0.647	0.589	0.491	0.442	0.494
1999	0.872	0.865	0.801	0.679	0.558	0.681	0.748	0.743	0.711	0.611	0.525	0.609
2000	1.211	1.201	1.120	1.002	0.897	1.005	1.076	1.071	1.023	0.926	0.849	0.925
2001	1.129	1.123	1.042	0.922	0.806	0.923	0.992	0.989	0.943	0.848	0.765	0.845
2002	1.064	1.058	0.978	0.889	0.788	0.886	0.924	0.921	0.867	0.806	0.729	0.798
2003	1.253	1.245	1.178	1.051	0.925	1.050	1.109	1.105	1.067	0.965	0.874	0.957
2004	1.544	1.534	1.466	1.347	1.248	1.348	1.391	1.387	1.348	1.257	1.174	1.247
2005	1.966	1.954	1.857	1.747	1.652	1.746	1.801	1.797	1.732	1.654	1.560	1.641
2006	2.274	2.265	2.215	2.070	1.981	2.071	2.084	2.082	2.077	1.940	1.869	1.933
2007	2.502	2.494	2.415	2.328	2.181	2.317	2.313	2.309	2.267	2.172	2.070	2.156
2008	2.928	2.921	2.851	2.726	2.650	2.726	2.736	2.733	2.716	2.573	2.518	2.568
2009	2.062	2.054	2.014	1.927	1.802	1.918	1.845	1.841	1.843	1.750	1.664	1.738
2010	2.489	2.478	2.443	2.329	2.172	2.318	2.264	2.259	2.270	2.155	2.069	2.143
2011	3.230	3.219	3.105	3.035	2.864	3.018	3.016	3.008	2.939	2.851	2.758	2.841
2012	3.316	3.299	3.194	3.116	3.094	3.116	3.098	3.083	3.024	2.887	2.843	2.886
2013	3.231	3.213	3.011	3.059	3.004	3.049	2.997	2.977	2.825	2.775	2.755	2.774
2014	3.063	3.043	2.901	2.885	2.794	2.875	2.800	2.778	2.736	2.589	2.535	2.587
2015	2.216	2.210	2.085	2.016	1.812	1.999	1.869	1.869	1.899	1.663	1.599	1.663
2016	2.042	2.037	1.709	1.758	1.510	1.731	1.635	1.634	1.536	1.414	1.353	1.411
2017												
January	2.265	2.258	1.866	1.908	1.736	1.893	1.813	1.812	1.700	1.590	1.589	1.593
February	2.216	2.210	1.911	1.899	1.732	1.890	1.747	1.748	1.721	1.574	1.560	1.577
March	2.250	2.247	W	1.916	1.716	1.903	1.786	1.787	1.808	1.578	1.562	1.583
April	2.356	2.352	2.059	2.005	1.777	1.988	1.904	1.904	1.872	1.672	1.611	1.671
May	2.311	2.306	W	1.950	1.731	1.938	1.851	1.851	1.823	1.604	1.552	1.605
June	2.263	2.257	W	1.851	1.695	1.843	1.795	1.795	1.745	1.515	1.503	1.520
July	2.227	2.220	1.931	1.902	1.703	1.893	1.770	1.769	1.751	1.572	1.510	1.573
August	2.310	2.302	W	2.014	1.800	2.000	1.855	1.854	1.845	1.672	1.605	1.671
September	2.523	2.514	W	2.137	2.017	2.128	2.061	2.059	1.960	1.789	1.713	1.786
October	2.421	2.412	W	2.027	1.842	2.013	1.953	1.951	1.832	1.697	1.664	1.698
November	2.497	2.489	W	2.083	1.880	2.063	2.031	2.029	1.939	1.770	1.764	1.773
December	2.426	2.417	2.039	1.987	1.804	1.971	1.947	1.946	1.857	1.684	1.712	1.690
2017	2.338	2.331	2.002	1.973	1.792	1.961	1.876	1.876	1.821	1.643	1.622	1.646
2018												
January	2.479	2.468	2.118	2.121	1.956	2.106	2.010	2.009	1.931	1.809	1.801	1.811
February	2.493	2.482	2.176	2.086	1.943	2.078	1.997	1.996	1.980	1.766	1.838	1.777
March	2.510	2.502	2.298	2.154	1.954	2.146	2.022	2.021	2.097	1.827	1.789	1.829
April	2.683	2.676	2.484	2.337	2.141	2.325	2.197	2.196	2.278	1.993	1.936	1.994
May	2.867	2.852	2.632	2.487	2.273	2.476	2.380	2.377	2.431	2.145	2.083	2.145
June	2.848	2.832	2.570	2.425	2.201	2.404	2.348	2.345	2.383	2.074	2.064	2.079
July	2.828	2.814	2.522	2.439	2.224	2.422	2.335	2.333	2.332	2.102	2.050	2.102
August	2.814	2.798	2.477	2.418	2.185	2.403	2.317	2.314	2.280	2.077	2.043	2.079
September	2.810	2.796	2.526	2.420	2.222	2.409	2.315	2.313	2.318	2.091	2.042	2.091
October	2.823	2.806	2.617	2.366	2.188	2.363	2.300	2.297	2.406	2.025	2.056	2.035
November	2.583	2.565	2.373	2.010	1.778	2.007	2.038	2.035	2.164	1.665	1.667	1.675
December	2.322	2.306	2.133	1.745	1.533	1.744	1.784	1.782	1.930	1.428	1.449	1.440
2018	2.676	2.663	2.413	2.260	2.066	2.249	2.173	2.171	2.213	1.922	1.919	1.928
2019												
January	2.192	2.179	1.961	1.704	1.493	1.691	1.674	1.673	1.772	1.402	1.396	1.409

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent. Sales to end users - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 9. U.S. refiner conventional motor gasoline volumes by grade and sales type**

million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	29.7	31.2	36.1	113.5	22.8	172.4	7.6	7.8	10.1	14.6	0.1	24.8
1995	24.0	25.3	19.4	105.1	26.0	150.5	6.0	6.3	5.1	13.6	0.1	18.7
1996	24.1	25.4	17.8	108.5	27.1	153.4	5.7	5.9	4.4	12.9	NA	17.3
1997	25.0	26.4	16.4	110.9	26.4	153.7	5.7	5.9	3.9	12.7	W	16.6
1998	25.4	26.6	13.7	112.0	28.8	154.5	6.0	6.1	3.4	12.5	W	15.8
1999	25.0	26.0	13.4	117.4	24.9	155.8	5.9	6.0	3.1	12.2	-	15.3
2000	26.0	27.1	12.8	125.7	23.9	162.4	4.9	5.0	2.3	10.8	-	13.1
2001	26.6	27.4	12.0	128.5	24.0	164.5	4.6	4.7	1.9	10.2	-	12.0
2002	27.2	28.0	11.3	127.9	31.0	170.2	4.7	4.8	1.6	10.4	-	11.9
2003	27.5	28.3	10.3	131.1	32.4	173.8	4.3	4.4	1.2	10.0	-	11.2
2004	26.5	27.3	9.7	136.7	36.1	182.5	3.5	3.6	0.9	9.8	-	10.8
2005	27.4	28.3	9.0	140.1	36.4	185.5	3.1	3.2	0.7	10.8	-	11.5
2006	28.9	29.8	7.3	143.7	37.4	188.4	2.9	2.9	0.5	9.3	-	9.7
2007	29.6	30.2	7.4	150.3	43.0	200.7	2.6	2.6	0.5	10.3	-	10.8
2008	28.9	29.8	7.1	144.5	39.5	191.1	2.1	2.2	0.4	9.9	-	10.3
2009	26.5	27.8	6.6	147.0	35.9	189.5	1.9	1.9	0.3	9.1	-	9.4
2010	24.9	26.2	5.9	147.6	37.1	190.7	1.7	1.7	0.2	8.7	-	8.9
2011	21.3	22.4	5.4	147.3	26.3	179.0	1.3	1.3	0.1	7.4	-	7.5
2012	14.4	15.7	5.0	149.0	21.7	175.8	0.9	0.9	0.1	7.2	-	7.4
2013	11.6	13.0	6.2	149.9	18.8	174.9	0.7	0.7	0.1	5.7	-	5.8
2014	11.1	12.5	4.3	154.9	16.8	176.0	0.6	0.6	0.1	2.1	-	2.3
2015	14.0	14.3	3.9	160.7	16.8	181.4	0.8	0.8	0.1	1.9	-	2.0
2016	14.1	14.3	4.1	163.4	15.8	183.3	0.9	0.9	0.1	1.7	-	1.8
2017												
January	12.3	12.5	3.7	151.5	13.0	168.2	0.7	0.7	0.1	1.4	-	1.5
February	12.9	13.1	3.8	158.6	13.4	175.9	0.7	0.8	0.1	1.4	-	1.5
March	13.3	13.5	W	164.4	W	178.2	0.8	0.8	0.1	1.5	-	1.6
April	13.2	13.4	4.0	163.9	15.6	183.5	0.8	0.8	0.1	1.5	-	1.6
May	13.4	13.6	W	168.2	W	184.8	0.8	0.8	0.1	1.6	-	1.7
June	13.8	14.1	W	171.5	W	186.0	0.8	0.8	0.1	1.7	-	1.8
July	13.3	13.5	4.0	169.6	9.6	183.1	0.8	0.8	0.1	1.6	-	1.7
August	13.6	13.9	W	174.5	W	191.7	0.8	0.8	0.1	1.6	-	1.7
September	13.2	13.4	W	165.1	W	184.5	0.8	0.8	0.1	1.5	-	1.5
October	13.5	13.7	W	167.7	W	184.8	0.8	0.8	0.1	1.4	-	1.5
November	13.2	13.5	W	166.0	W	184.7	0.8	0.8	0.1	1.4	-	1.5
December	13.2	13.4	3.6	164.5	14.7	182.7	0.8	0.8	0.1	1.3	-	1.4
2017	13.3	13.5	3.9	165.5	13.0	182.4	0.8	0.8	0.1	1.5	-	1.6
2018												
January	12.2	12.4	3.5	153.8	13.7	171.0	0.7	0.7	0.1	1.2	-	1.3
February	12.8	13.0	3.6	159.4	15.6	178.6	0.7	0.7	0.1	1.2	-	1.3
March	13.0	13.2	3.7	165.6	17.0	186.2	0.8	0.8	0.1	1.3	-	1.4
April	12.8	13.0	3.6	165.1	17.8	186.4	0.7	0.8	0.1	1.3	-	1.4
May	12.9	13.2	3.5	172.6	18.7	194.9	0.7	0.8	0.1	1.4	-	1.5
June	13.4	13.7	3.6	174.3	17.4	195.4	0.8	0.8	0.1	1.4	-	1.5
July	13.0	13.2	3.7	171.6	14.7	189.9	0.7	0.8	0.1	1.4	-	1.5
August	13.5	13.8	3.7	174.3	12.3	190.3	0.8	0.8	0.1	1.4	-	1.5
September	12.9	13.2	3.5	164.7	18.0	186.2	0.7	0.8	0.1	1.3	-	1.4
October	13.2	13.5	3.5	170.0	13.7	187.1	0.7	0.7	0.1	1.2	-	1.3
November	13.4	13.6	3.4	167.7	12.9	184.0	0.7	0.8	0.1	1.2	-	1.3
December	12.9	13.2	3.4	162.8	10.8	177.0	0.7	0.7	0.1	1.2	-	1.2
2018	13.0	13.3	3.5	166.9	15.2	185.6	0.7	0.8	0.1	1.3	-	1.4
2019												
January	12.4	12.7	3.2	155.9	14.9	174.0	0.7	0.7	0.1	1.1	-	1.2

See footnotes at end of table.

**Table 9. U.S. refiner conventional motor gasoline volumes by grade and sales type (cont.)**

million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	8.5	8.9	16.5	28.0	2.8	47.2	45.8	47.9	62.7	156.0	25.8	244.5
1995	6.2	6.4	7.7	25.1	2.9	35.6	36.2	38.0	32.1	143.8	28.9	204.8
1996	4.9	5.1	5.8	22.5	2.5	30.8	34.7	36.5	28.1	143.8	29.6	201.5
1997	4.8	5.0	5.1	21.9	2.5	29.5	35.4	37.2	25.4	145.6	28.9	199.8
1998	5.5	5.7	4.7	W	2.7	31.9	36.9	38.5	21.8	148.9	31.5	202.2
1999	5.0	5.2	4.3	24.1	3.8	32.2	35.9	37.2	20.8	153.7	28.7	203.3
2000	3.7	3.9	3.1	18.6	2.8	24.5	34.7	35.9	18.2	155.1	26.7	200.0
2001	3.7	3.8	2.8	18.7	2.7	24.1	35.0	36.0	16.7	157.4	26.7	200.7
2002	3.8	4.0	2.6	19.1	3.0	24.7	35.8	36.8	15.5	157.4	34.0	206.9
2003	3.4	3.5	2.1	17.5	2.4	21.9	35.1	36.3	13.6	158.6	34.8	207.0
2004	2.6	2.8	1.6	15.8	1.7	19.2	32.6	33.7	12.3	162.3	37.8	212.4
2005	2.3	2.4	1.4	14.4	1.9	17.7	32.8	33.8	11.0	165.4	38.2	214.6
2006	2.1	2.2	1.1	13.9	1.7	16.6	33.9	35.0	8.8	166.8	39.1	214.7
2007	2.1	2.2	1.1	14.4	2.0	17.4	34.3	35.0	9.0	175.0	44.9	228.9
2008	1.8	1.9	0.9	11.7	1.5	14.2	32.9	33.9	8.4	166.2	41.0	215.6
2009	1.7	1.8	0.9	12.9	1.8	15.6	30.0	31.5	7.8	169.0	37.7	214.5
2010	1.5	1.6	0.8	13.5	1.7	15.9	28.2	29.5	6.9	169.8	38.8	215.5
2011	1.2	1.3	0.7	12.6	1.8	15.1	23.8	25.1	6.2	167.3	28.1	201.6
2012	1.0	1.1	0.7	13.2	2.4	16.2	16.3	17.7	5.8	169.5	24.1	199.4
2013	0.8	0.9	0.8	14.0	2.4	17.2	13.1	14.5	7.1	169.6	21.2	197.9
2014	0.7	0.8	0.7	15.1	2.1	17.9	12.5	14.0	5.1	172.1	18.9	196.2
2015	1.1	1.1	0.7	16.8	1.8	19.4	15.9	16.2	4.8	179.4	18.6	202.8
2016	1.1	1.2	0.8	17.7	2.1	20.6	16.1	16.4	5.0	182.8	17.9	205.7
2017												
January	0.9	0.9	0.7	15.1	1.3	17.1	13.9	14.1	4.5	168.1	14.3	186.8
February	1.0	1.0	0.8	16.0	1.0	17.8	14.6	14.8	4.7	176.1	14.4	195.2
March	1.0	1.0	W	16.9	W	19.4	15.1	15.3	5.0	182.8	11.4	199.2
April	1.0	1.0	0.8	17.3	1.6	19.8	15.0	15.3	4.8	182.7	17.3	204.9
May	1.1	1.1	W	19.0	W	21.1	15.3	15.5	4.9	188.8	14.0	207.7
June	1.1	1.1	W	19.5	W	21.8	15.8	16.0	4.9	192.6	12.1	209.7
July	1.1	1.1	0.9	19.5	1.1	21.4	15.2	15.5	4.9	190.7	10.7	206.3
August	1.1	1.1	W	19.6	W	21.9	15.5	15.8	5.0	195.8	14.6	215.3
September	1.0	1.1	W	17.8	W	20.1	15.0	15.2	4.7	184.4	17.0	206.1
October	1.0	1.0	W	17.8	W	19.9	15.3	15.5	4.7	186.8	14.7	206.2
November	1.0	1.0	W	17.3	W	20.2	15.0	15.2	4.4	184.7	17.3	206.4
December	1.0	1.0	0.8	17.0	2.0	19.8	14.9	15.1	4.4	182.8	16.6	203.9
2017	1.0	1.0	0.8	17.8	1.5	20.0	15.1	15.3	4.8	184.7	14.5	204.0
2018												
January	0.9	0.9	0.7	15.9	1.7	18.3	13.8	14.1	4.3	170.9	15.4	190.6
February	0.9	0.9	0.7	16.5	1.6	18.8	14.4	14.7	4.4	177.1	17.2	198.8
March	1.0	1.0	0.8	17.6	1.3	19.7	14.7	15.0	4.5	184.4	18.3	207.3
April	0.9	1.0	0.7	17.5	1.8	20.1	14.5	14.7	4.4	184.0	19.6	208.0
May	1.0	1.0	0.7	19.0	1.6	21.4	14.6	14.9	4.4	193.0	20.4	217.8
June	1.0	1.0	0.8	18.5	2.5	21.8	15.1	15.4	4.4	194.3	19.9	218.6
July	1.0	1.0	0.8	18.9	1.9	21.7	14.7	15.0	4.5	191.9	16.6	213.1
August	1.0	1.0	0.8	19.1	1.5	21.4	15.3	15.6	4.5	194.8	13.9	213.2
September	1.0	1.0	0.7	17.8	1.5	20.0	14.6	14.9	4.3	183.8	19.5	207.5
October	0.9	1.0	0.7	17.6	1.5	19.8	14.9	15.2	4.3	188.9	15.1	208.3
November	0.9	1.0	0.7	17.4	1.4	19.5	15.1	15.4	4.2	186.3	14.3	204.8
December	0.9	1.0	0.7	17.1	1.5	19.4	14.6	14.9	4.2	R181.1	12.3	197.7
2018	1.0	1.0	0.7	17.8	1.7	20.2	14.7	15.0	4.4	185.9	16.9	207.2
2019												
January	0.9	0.9	0.7	16.4	2.0	19.0	14.0	14.3	3.9	173.4	16.9	194.2

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. Sales to end users Year month Sales for resale - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 are final. Totals may not equal the sum of the components due to rounding. - The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 10. U.S. refiner reformulated motor gasoline prices by grade and sales type**

dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.764	0.758	0.720	0.569	0.543	0.638	0.879	0.873	0.770	0.628	W	0.728
1995	0.749	0.744	0.707	0.605	0.573	0.650	0.836	0.833	0.753	0.651	-	0.723
1996	0.834	0.830	0.788	0.698	0.677	0.738	0.924	0.921	0.837	0.741	W	0.809
1997	0.830	0.828	0.787	0.682	0.668	0.731	0.928	0.925	0.840	0.725	W	0.807
1998	0.668	0.665	0.616	0.509	0.484	0.557	0.769	0.767	0.673	0.553	W	0.638
1999	0.804	0.80	0.752	0.642	0.601	0.686	0.895	0.892	0.807	0.676	NA	0.767
2000	1.126	1.123	1.058	0.978	0.953	1.012	1.219	1.217	1.114	1.014	-	1.085
2001	1.059	1.056	1.001	0.893	0.856	0.938	1.166	1.163	1.061	0.942	-	1.027
2002	0.946	0.944	0.906	0.834	0.779	0.861	1.052	1.050	0.988	0.875	-	0.958
2003	1.196	1.192	1.168	1.006	0.962	1.069	1.293	1.290	1.224	1.047	-	1.165
2004	1.472	1.470	1.447	1.299	1.248	1.353	1.572	1.570	1.494	1.340	-	1.436
2005	1.850	1.848	1.787	1.682	1.619	1.711	1.945	1.944	1.834	1.726	-	1.789
2006	2.166	2.164	2.097	2.002	1.885	2.030	2.275	2.274	2.170	2.078	-	2.129
2007	2.362	2.360	2.288	2.186	2.175	2.221	2.490	2.489	2.368	2.256	-	2.316
2008	2.812	2.810	2.703	2.553	2.642	2.607	2.934	2.934	2.788	2.652	-	2.721
2009	1.927	1.925	1.878	1.770	1.782	1.806	2.066	2.066	1.981	1.855	-	1.914
2010	2.342	2.339	2.265	2.159	2.141	2.188	2.485	2.485	2.362	2.229	-	2.280
2011	3.089	3.085	2.973	2.874	2.831	2.895	3.233	3.233	3.062	2.954	-	2.990
2012	3.219	3.212	3.111	2.956	2.947	2.988	3.372	3.372	3.213	3.047	-	3.098
2013	3.110	3.101	2.948	2.830	2.869	2.856	3.268	3.268	3.066	2.939	-	2.979
2014	2.946	2.938	2.784	2.614	2.663	2.647	3.111	3.111	2.920	2.746	-	2.788
2015	2.159	2.158	2.174	1.728	1.775	1.807	2.404	2.404	2.321	1.892	-	1.989
2016	1.808	1.807	1.762	1.433	1.462	1.490	2.047	2.047	1.913	1.579	-	1.655
2017												
January	1.952	1.951	1.868	1.604	1.625	1.649	2.195	2.194	2.020	1.744	-	1.807
February	1.954	1.953	1.960	1.609	1.665	1.670	2.225	2.225	2.151	1.774	-	1.861
March	2.000	1.999	2.023	1.615	W	1.685	2.275	2.274	2.180	1.782	-	1.873
April	2.060	2.059	2.052	1.724	1.740	1.779	2.303	2.303	2.217	1.876	-	1.952
May	2.050	2.050	2.071	1.679	W	1.745	2.309	2.309	2.231	1.828	-	1.914
June	1.992	1.991	1.984	1.563	W	1.634	2.260	2.260	2.101	1.711	-	1.793
July	1.942	1.941	1.917	1.620	1.637	1.670	2.194	2.193	2.082	1.759	-	1.825
August	2.021	2.021	2.009	1.691	W	1.745	2.276	2.276	2.189	1.833	-	1.905
September	2.215	2.213	2.143	1.798	W	1.857	2.473	2.473	2.286	1.949	-	2.021
October	2.096	2.095	2.032	1.690	W	1.747	2.352	2.352	2.186	1.829	-	1.907
November	2.190	2.188	2.073	1.778	W	1.828	2.438	2.438	2.235	1.910	-	1.980
December	2.092	2.091	1.962	1.691	1.763	1.737	2.345	2.345	2.101	1.815	-	1.879
2017	2.048	2.047	2.009	1.672	1.717	1.729	2.303	2.303	2.164	1.815	-	1.891
2018												
January	2.183	2.182	2.116	1.829	1.907	1.878	2.437	2.437	2.305	1.973	-	2.049
February	2.247	2.246	2.211	1.795	1.888	1.866	2.534	2.534	2.389	1.954	-	2.053
March	2.284	2.282	2.300	1.892	1.948	1.961	2.572	2.572	2.505	2.059	-	2.160
April	2.416	2.415	2.458	2.060	2.132	2.129	2.684	2.684	2.626	2.217	-	2.313
May	2.591	2.590	2.591	2.227	2.246	2.287	2.849	2.849	2.734	2.366	-	2.447
June	2.576	2.575	2.544	2.141	2.174	2.208	2.840	2.840	2.653	2.271	-	2.354
July	2.522	2.522	2.489	2.141	2.160	2.199	2.781	2.781	2.641	2.272	-	2.355
August	2.500	2.499	2.446	2.093	2.127	2.153	2.764	2.764	2.600	2.220	-	2.301
September	2.512	2.511	2.532	2.106	2.171	2.179	2.791	2.791	2.708	2.259	-	2.360
October	2.569	2.568	2.652	2.048	2.167	2.152	2.873	2.873	2.799	2.233	-	2.361
November	2.375	2.373	2.373	1.682	1.813	1.799	2.713	2.713	2.462	1.857	-	1.997
December	2.164	2.163	R2.140	R1.504	1.548	R1.610	2.496	2.496	R2.265	R1.695	-	R1.825
2018	2.417	2.416	2.409	1.964	2.029	2.039	2.699	2.699	2.562	2.126	-	2.224
2019												
January	2.038	2.036	2.049	1.494	1.527	1.584	2.355	2.355	2.207	1.689	-	1.807

See footnotes at end of table.

**Table 10. U.S. refiner reformulated motor gasoline prices by grade and sales type (cont.)**

dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.966	0.958	0.861	0.677	0.558	0.777	0.831	0.824	0.771	0.599	0.547	0.687
1995	0.929	0.924	0.841	0.704	0.616	0.785	0.808	0.803	0.756	0.632	0.582	0.696
1996	1.002	0.998	0.910	0.791	0.709	0.859	0.882	0.878	0.828	0.720	0.682	0.774
1997	1.005	1.003	0.910	0.775	0.686	0.853	0.876	0.874	0.825	0.703	0.671	0.767
1998	0.847	0.845	0.741	W	0.516	0.680	0.717	0.714	0.657	0.529	0.489	0.593
1999	0.966	0.963	0.870	0.717	0.639	0.798	0.845	0.841	0.788	0.658	0.608	0.718
2000	1.297	1.291	1.189	1.064	0.972	1.125	1.164	1.160	1.092	0.993	0.957	1.039
2001	1.239	1.234	1.133	0.983	0.890	1.065	1.10	1.096	1.034	0.909	0.859	0.966
2002	1.124	1.119	1.046	0.930	0.832	0.991	0.987	0.985	0.944	0.851	0.785	0.891
2003	1.366	1.362	1.292	1.099	1.028	1.201	1.233	1.229	1.197	1.021	0.969	1.097
2004	1.655	1.652	1.574	1.399	1.348	1.489	1.510	1.507	1.474	1.313	1.257	1.378
2005	2.031	2.029	1.912	1.791	1.766	1.847	1.883	1.881	1.812	1.697	1.635	1.733
2006	2.369	2.367	2.239	2.149	2.004	2.183	2.202	2.20	2.125	2.020	1.906	2.055
2007	2.601	2.599	2.468	2.367	2.346	2.415	2.404	2.402	2.322	2.208	2.192	2.250
2008	3.003	3.001	2.845	2.70	2.826	2.772	2.845	2.843	2.728	2.569	2.659	2.629
2009	2.177	2.174	2.067	1.968	1.899	2.011	1.971	1.969	1.913	1.793	1.791	1.834
2010	2.587	2.584	2.446	2.343	2.247	2.380	2.386	2.383	2.299	2.182	2.150	2.215
2011	3.334	3.331	3.145	3.067	2.940	3.090	3.132	3.128	3.003	2.898	2.837	2.921
2012	3.478	3.473	3.288	3.201	3.175	3.225	3.265	3.259	3.143	2.986	2.961	3.020
2013	3.371	3.365	3.132	3.103	3.071	3.110	3.160	3.152	2.982	2.866	2.882	2.892
2014	3.206	3.202	2.949	2.867	2.642	2.886	3.005	2.996	2.818	2.648	2.661	2.682
2015	2.516	2.516	2.357	2.066	2.145	2.144	2.242	2.240	2.214	1.777	1.799	1.860
2016	2.201	2.201	1.986	1.755	1.710	1.816	1.900	1.899	1.814	1.481	1.484	1.543
2017												
January	2.359	2.359	2.104	1.908	1.833	1.957	2.044	2.043	1.924	1.648	1.658	1.699
February	2.391	2.390	2.210	1.922	NA	2.000	2.054	2.053	2.019	1.655	1.697	1.723
March	2.439	2.439	W	1.928	W	2.016	2.101	2.100	2.077	1.661	1.698	1.739
April	2.468	2.468	2.286	2.031	1.992	2.097	2.154	2.153	2.108	1.769	1.772	1.831
May	2.478	2.478	W	1.985	W	2.068	2.149	2.148	2.127	1.726	1.728	1.799
June	2.428	2.427	W	1.876	W	1.959	2.092	2.091	2.034	1.611	1.668	1.688
July	2.357	2.356	2.155	1.930	1.933	1.988	2.038	2.037	1.974	1.668	1.674	1.723
August	2.440	2.440	W	1.998	W	2.065	2.117	2.117	2.068	1.737	1.779	1.798
September	2.640	2.640	W	2.116	W	2.184	2.310	2.309	2.198	1.846	1.895	1.911
October	2.517	2.517	W	1.980	W	2.052	2.191	2.191	2.089	1.734	1.750	1.797
November	2.598	2.598	W	2.048	W	2.115	2.280	2.279	2.129	1.818	1.842	1.874
December	2.505	2.505	2.191	1.958	1.866	2.013	2.184	2.183	2.016	1.730	1.782	1.783
2017	2.468	2.468	2.243	1.974	1.960	2.043	2.143	2.142	2.064	1.717	1.747	1.781
2018												
January	2.602	2.602	2.368	2.106	2.170	2.175	2.275	2.274	2.175	1.869	1.936	1.926
February	2.703	2.703	2.458	2.088	2.146	2.185	2.348	2.347	2.269	1.838	1.915	1.917
March	2.738	2.738	2.566	2.185	2.224	2.283	2.386	2.385	2.361	1.935	1.975	2.013
April	2.855	2.855	2.695	2.350	2.393	2.442	2.511	2.510	2.513	2.102	2.167	2.180
May	3.008	3.008	2.819	2.500	2.549	2.582	2.683	2.682	2.643	2.267	2.275	2.335
June	3.000	3.000	2.756	2.412	2.404	2.500	2.669	2.668	2.593	2.181	2.198	2.254
July	2.942	2.942	2.720	2.426	2.412	2.501	2.615	2.615	2.542	2.183	2.184	2.247
August	2.925	2.925	2.685	2.362	2.329	2.445	2.594	2.593	2.501	2.133	2.149	2.200
September	2.953	2.953	2.779	2.393	2.411	2.494	2.611	2.610	2.589	2.148	2.204	2.230
October	3.051	3.051	2.882	2.352	2.445	2.491	2.673	2.672	2.705	2.093	2.213	2.206
November	2.881	2.881	2.573	1.980	2.033	2.133	2.489	2.487	2.419	1.726	1.840	1.853
December	2.664	2.664	R2.356	R1.798	1.810	R1.942	2.279	2.278	R2.191	R1.548	1.584	R1.665
2018	2.864	2.864	2.641	2.249	2.277	2.351	2.516	2.515	2.463	2.006	2.058	2.090
2019												
January	2.532	2.532	2.280	1.780	1.801	1.908	2.151	2.149	2.103	1.536	1.561	1.637

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."



**Table 11. U.S. refiner reformulated motor gasoline volumes by grade and sales type**

million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	0.6	0.6	2.1	1.6	0.6	4.3	0.2	0.2	0.7	0.3	W	1.0
1995	7.8	8.1	20.7	W	W	43.3	3.0	3.1	7.4	3.1	-	10.5
1996	10.7	11.1	26.1	20.5	8.0	54.6	3.3	3.4	7.9	3.3	W	11.3
1997	13.4	13.8	28.0	21.7	7.6	57.3	3.6	3.7	7.9	3.1	W	11.0
1998	14.3	14.5	28.6	23.0	8.3	59.9	3.7	3.8	7.4	3.1	W	10.5
1999	14.5	14.8	29.8	26.1	9.6	65.5	3.6	3.7	7.0	3.1	NA	10.2
2000	15.5	15.9	32.1	29.1	8.5	69.6	3.3	3.4	6.2	2.6	-	8.8
2001	16.3	16.7	32.7	30.0	9.0	71.7	3.3	3.3	5.7	2.2	-	7.9
2002	16.9	17.2	33.1	30.4	8.2	71.7	3.3	3.3	5.6	2.1	-	7.6
2003	17.7	18.0	30.9	35.1	7.6	73.6	3.1	3.1	4.1	2.0	-	6.1
2004	16.2	16.5	29.5	39.7	6.1	75.3	2.6	2.6	3.3	2.0	-	5.2
2005	17.1	17.4	27.5	43.5	9.5	80.4	2.6	2.6	2.5	1.8	-	4.2
2006	17.7	18.0	26.8	45.7	3.4	75.9	2.5	2.5	1.9	1.5	-	3.4
2007	17.4	17.6	26.7	45.4	3.8	75.9	2.4	2.4	1.6	1.3	-	2.9
2008	16.6	16.9	25.4	48.1	4.2	77.7	2.0	2.0	1.1	1.1	-	2.2
2009	14.0	14.3	25.8	49.8	3.4	79.0	1.7	1.7	1.0	1.1	-	2.1
2010	11.7	11.9	23.1	54.5	4.2	81.9	1.3	1.3	0.7	1.2	-	1.9
2011	10.8	11.1	19.5	57.6	4.2	81.3	1.2	1.2	0.5	1.1	-	1.6
2012	9.2	9.5	17.4	60.3	4.0	81.7	1.0	1.0	0.5	1.0	-	1.5
2013	7.6	7.9	16.5	59.3	3.5	79.3	0.9	0.9	0.4	1.0	-	1.4
2014	5.5	5.7	14.6	62.0	2.1	78.8	0.7	0.7	0.3	0.9	-	1.2
2015	6.8	6.8	14.1	63.5	2.8	80.3	0.9	0.9	0.2	0.8	-	1.1
2016	6.7	6.7	13.9	64.6	3.1	81.6	0.9	0.9	0.2	0.8	-	1.0
2017												
January	6.4	6.5	12.7	60.8	2.4	75.9	0.9	0.9	0.2	0.6	-	0.8
February	6.5	6.5	13.2	62.8	2.8	78.8	0.9	0.9	0.2	0.6	-	0.8
March	6.7	6.7	W	65.3	W	81.6	0.9	0.9	0.2	0.7	-	0.8
April	6.6	6.6	13.5	65.2	2.8	81.5	0.9	0.9	0.2	0.7	-	0.9
May	6.8	6.8	W	65.6	W	81.3	0.9	0.9	0.2	0.7	-	0.9
June	7.0	7.1	W	67.0	W	83.0	1.0	1.0	0.2	0.7	-	0.9
July	6.8	6.8	13.3	65.1	2.5	80.9	1.0	1.0	0.2	0.7	-	0.9
August	6.9	6.9	W	66.4	W	82.5	1.0	1.0	0.2	0.7	-	0.9
September	6.9	6.9	W	64.4	W	80.1	0.9	0.9	0.2	0.6	-	0.8
October	6.9	6.9	W	66.4	W	82.8	0.9	0.9	0.2	0.6	-	0.8
November	6.7	6.7	W	65.5	W	82.1	0.9	0.9	0.2	0.6	-	0.7
December	6.6	6.6	13.2	65.5	2.9	81.6	0.9	0.9	0.2	0.6	-	0.7
2017	6.7	6.8	13.4	65.0	2.6	81.0	0.9	0.9	0.2	0.6	-	0.8
2018												
January	6.3	6.3	12.5	62.1	2.7	77.3	0.8	0.8	0.2	0.5	-	0.7
February	6.5	6.5	13.3	64.9	3.3	81.4	0.9	0.9	0.2	0.5	-	0.7
March	6.8	6.8	13.7	65.8	3.4	82.8	0.9	0.9	0.2	0.5	-	0.7
April	6.8	6.8	13.9	65.9	2.8	82.6	0.9	0.9	0.2	0.5	-	0.7
May	6.9	7.0	13.8	67.6	2.8	84.1	0.9	0.9	0.2	0.6	-	0.7
June	7.2	7.2	13.8	67.8	3.0	84.5	0.9	0.9	0.2	0.6	-	0.7
July	7.1	7.1	13.6	65.6	3.6	82.8	0.9	0.9	0.2	0.6	-	0.7
August	7.2	7.2	14.0	67.5	3.2	84.7	1.0	1.0	0.2	0.6	-	0.7
September	7.0	7.0	13.6	65.3	2.7	81.7	0.9	0.9	0.1	0.5	-	0.7
October	7.1	7.1	13.5	66.1	2.3	81.9	0.9	0.9	0.1	0.5	-	0.6
November	6.9	6.9	13.2	65.5	2.3	81.0	0.9	0.9	0.1	0.5	-	0.6
December	6.9	6.9	13.2	64.4	2.7	80.2	0.9	0.9	0.1	0.4	-	0.6
2018	6.9	6.9	13.5	65.7	2.9	82.1	0.9	0.9	0.2	0.5	-	0.7
2019												
January	6.5	6.5	12.5	62.3	3.0	77.7	0.9	0.9	0.1	0.4	-	0.5

See footnotes at end of table.

**Table 11. U.S. refiner reformulated motor gasoline volumes by grade and sales type (cont.)**

million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	0.2	0.2	1.2	0.5	0.2	1.9	1.0	1.0	4.0	2.4	0.8	7.2
1995	3.1	3.2	12.0	W	W	18.9	14.0	14.4	40.1	25.9	6.6	72.6
1996	3.1	3.2	11.7	5.3	1.5	18.6	17.0	17.6	45.7	29.2	9.6	84.5
1997	3.4	3.5	11.5	5.3	1.5	18.2	20.3	21.0	47.4	30.1	9.1	86.6
1998	3.8	3.9	12.2	W	1.6	19.8	21.8	22.2	48.2	32.0	9.9	90.1
1999	3.4	3.5	11.4	6.3	1.9	19.6	21.5	22.0	48.2	35.6	11.5	95.2
2000	3.0	3.1	9.6	5.4	1.9	16.8	21.9	22.4	47.9	37.0	10.4	95.2
2001	3.2	3.2	9.2	5.4	1.1	15.7	22.7	23.3	47.7	37.6	10.0	95.3
2002	3.4	3.5	9.5	5.6	1.1	16.3	23.6	24.1	48.2	38.0	9.3	95.6
2003	3.5	3.6	8.5	5.9	1.0	15.3	24.2	24.7	43.5	43.0	8.6	95.1
2004	3.1	3.1	7.4	6.0	0.6	14.1	21.9	22.3	40.2	47.7	6.7	94.6
2005	2.8	2.8	6.5	6.0	1.2	13.6	22.6	22.9	36.4	51.2	10.6	98.3
2006	2.7	2.7	5.9	5.9	0.7	12.5	22.9	23.2	34.6	53.1	4.1	91.8
2007	2.6	2.7	5.8	5.9	0.4	12.1	22.4	22.7	34.0	52.6	4.3	90.9
2008	2.4	2.4	5.0	5.4	0.4	10.8	21.0	21.3	31.5	54.6	4.6	90.8
2009	2.3	2.3	5.3	6.1	0.3	11.8	17.9	18.3	32.1	57.1	3.7	92.9
2010	1.9	1.9	4.9	7.4	0.4	12.7	14.9	15.2	28.8	63.1	4.7	96.5
2011	1.7	1.7	3.9	7.7	0.2	11.8	13.7	13.9	23.9	66.4	4.4	94.7
2012	1.5	1.5	3.5	8.4	0.3	12.1	11.7	12.0	21.4	69.7	4.3	95.4
2013	1.4	1.4	3.5	8.7	0.2	12.4	9.9	10.2	20.5	69.0	3.7	93.1
2014	1.2	1.2	3.5	9.4	0.2	13.0	7.5	7.7	18.4	72.3	2.3	93.0
2015	1.5	1.5	3.8	10.4	0.2	14.4	9.2	9.2	18.1	74.7	3.0	95.8
2016	1.6	1.6	4.1	11.1	0.3	15.5	9.2	9.2	18.2	76.5	3.4	98.1
2017												
January	1.4	1.4	3.8	10.1	0.4	14.4	8.8	8.8	16.6	71.5	2.9	91.0
February	1.5	1.5	4.0	10.6	0.3	14.9	8.9	8.9	17.3	74.1	3.1	94.5
March	1.5	1.5	W	11.1	W	15.5	9.1	9.2	18.0	77.1	2.8	98.0
April	1.5	1.5	4.1	11.2	0.4	15.7	9.0	9.1	17.9	77.0	3.2	98.1
May	1.6	1.6	W	11.7	W	16.1	9.3	9.3	17.9	78.0	2.4	98.3
June	1.6	1.6	W	11.8	W	16.2	9.6	9.6	17.9	79.5	2.7	100.1
July	1.6	1.6	4.1	11.5	0.3	16.0	9.3	9.4	17.7	77.3	2.8	97.7
August	1.6	1.6	W	11.7	W	16.2	9.4	9.4	18.0	78.8	2.7	99.6
September	1.5	1.5	W	11.2	W	15.5	9.3	9.3	17.6	76.2	2.6	96.4
October	1.5	1.5	W	11.5	W	16.1	9.4	9.4	17.6	78.5	3.7	99.7
November	1.5	1.5	W	11.3	W	15.5	9.0	9.0	17.5	77.3	3.6	98.4
December	1.5	1.5	4.0	11.2	0.6	15.9	8.9	9.0	17.4	77.3	3.5	98.3
2017	1.5	1.5	4.1	11.2	0.4	15.7	9.2	9.2	17.6	76.9	3.0	97.5
2018												
January	1.3	1.3	3.8	10.4	0.3	14.5	8.4	8.5	16.4	73.1	3.1	92.5
February	1.4	1.4	3.9	10.8	0.4	15.2	8.7	8.7	17.4	76.3	3.6	97.3
March	1.5	1.5	3.9	11.2	0.4	15.5	9.2	9.2	17.8	77.5	3.8	99.0
April	1.4	1.4	4.1	11.1	0.4	15.7	9.1	9.1	18.2	77.6	3.2	99.0
May	1.5	1.5	4.0	11.5	0.3	15.8	9.3	9.4	17.9	79.6	3.1	100.6
June	1.5	1.5	4.0	11.4	0.4	15.7	9.6	9.7	17.9	79.7	3.3	100.9
July	1.5	1.5	4.0	11.1	0.4	15.5	9.5	9.5	17.8	77.2	4.0	99.0
August	1.6	1.6	4.1	11.4	0.4	15.9	9.7	9.7	18.2	79.4	3.6	101.3
September	1.5	1.5	4.0	11.1	0.4	15.6	9.4	9.5	17.8	76.9	3.1	97.9
October	1.5	1.5	3.9	11.0	0.5	15.4	9.5	9.5	17.6	77.5	2.7	97.9
November	1.5	1.5	3.9	11.1	0.3	15.3	9.2	9.3	17.3	77.1	2.6	97.0
December	1.5	1.5	4.0	11.1	0.4	15.5	9.3	9.3	17.3	75.9	3.1	96.3
2018	1.5	1.5	4.0	11.1	0.4	15.5	9.3	9.3	17.6	77.3	3.3	98.2
2019												
January	1.5	1.5	3.8	10.6	0.4	14.8	8.8	8.9	16.4	73.3	3.4	93.0

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 16. U.S. refiner residual fuel oil prices**

dollars per gallon excluding taxes

Year month	Sulfur less than or equal to 1%		Sulfur greater than 1%		Average	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
1994	0.401	0.345	0.330	0.287	0.352	0.317
1995	0.436	0.383	0.377	0.338	0.392	0.363
1996	0.526	0.456	0.433	0.389	0.455	0.420
1997	0.488	0.415	0.403	0.366	0.423	0.387
1998	0.354	0.299	0.287	0.269	0.305	0.280
1999	0.405	0.382	0.362	0.329	0.374	0.354
2000	0.708	0.627	0.566	0.512	0.602	0.566
2001	0.642	0.523	0.492	0.428	0.531	0.476
2002	0.640	0.546	0.544	0.508	0.569	0.530
2003	0.804	0.728	0.651	0.588	0.698	0.661
2004	0.835	0.764	0.692	0.601	0.739	0.681
2005	1.168	1.115	0.974	0.842	1.048	0.971
2006	1.342	1.202	1.173	1.085	1.218	1.136
2007	1.436	1.406	1.350	1.314	1.374	1.350
2008	2.144	1.918	1.889	1.843	1.964	1.866
2009	1.413	1.337	1.306	1.344	1.341	1.342
2010	1.920	1.756	1.619	1.679	1.713	1.697
2011	2.736	2.389	2.257	2.316	2.401	2.336
2012	3.025	2.548	2.433	2.429	2.592	2.457
2013	2.883	2.363	2.353	2.249	2.482	2.278
2014	2.694	2.153	2.221	1.996	2.325	2.044
2015	1.529	0.971	1.227	0.999	1.285	0.996
2016	1.138	0.736	0.897	0.746	0.945	0.745
2017						
January	W	1.099	1.249	1.121	1.309	1.119
February	W	1.174	1.243	1.115	1.291	1.121
March	W	1.103	1.186	1.075	1.239	1.077
April	W	1.038	1.147	1.039	1.201	1.039
May	W	0.986	1.153	1.047	1.213	1.043
June	W	0.937	1.129	0.995	1.195	0.991
July	W	1.026	1.154	1.040	1.211	1.039
August	W	1.042	1.142	1.081	1.204	1.079
September	W	1.150	1.295	1.137	1.314	1.138
October	W	1.153	1.249	1.178	1.304	1.176
November	W	1.302	1.384	1.277	1.413	1.279
December	W	1.254	1.447	1.249	1.484	1.249
2017	W	1.112	1.237	1.117	1.287	1.116
2018						
January	W	1.301	1.476	1.311	1.507	1.310
February	W	1.221	1.415	1.325	1.490	1.319
March	W	1.227	1.386	1.306	1.452	1.302
April	W	1.311	1.438	1.349	1.504	1.348
May	W	1.462	1.615	1.501	1.667	1.500
June	W	1.487	1.643	1.558	1.731	1.553
July	W	1.543	1.709	1.583	1.767	1.581
August	W	1.499	1.680	1.552	1.764	1.549
September	W	1.520	1.696	1.561	1.761	1.560
October	W	1.620	1.816	1.703	1.875	1.700
November	W	1.360	1.731	1.562	1.827	1.556
December	W	1.252	1.467	1.295	1.608	1.293
2018	W	1.397	1.587	1.466	1.662	1.463
2019						
January	W	1.332	1.413	1.304	1.472	1.305

NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 17. U.S. refiner residual fuel oil volumes**

million gallons per day

Year month	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
1994	4.2	6.6	9.3	6.2	13.5	12.8
1995	2.9	7.7	8.7	5.9	11.6	13.6
1996	3.1	6.3	9.8	7.4	12.9	13.8
1997	3.2	4.8	10.3	6.7	13.4	11.5
1998	3.9	5.7	10.5	9.6	14.4	15.4
1999	3.9	5.3	10.0	6.2	13.9	11.5
2000	3.3	4.9	9.8	5.6	13.1	10.5
2001	3.8	5.2	11.0	5.1	14.8	10.3
2002	2.7	5.1	7.8	3.7	10.4	8.8
2003	3.3	3.5	7.4	3.2	10.7	6.7
2004	3.4	2.9	6.8	3.0	10.2	5.9
2005	4.0	2.2	6.4	2.5	10.4	4.7
2006	2.8	2.8	7.6	3.6	10.4	6.5
2007	3.1	3.2	7.8	5.0	10.9	8.2
2008	2.5	2.9	5.9	6.6	8.4	9.5
2009	2.8	2.9	5.7	6.9	8.5	9.8
2010	2.4	2.6	5.2	8.1	7.6	10.7
2011	1.9	3.4	4.5	8.8	6.4	12.2
2012	1.5	2.1	4.0	6.8	5.5	8.8
2013	1.3	2.3	3.9	6.7	5.2	9.0
2014	1.0	2.4	3.6	5.6	4.6	8.0
2015	0.8	0.9	3.3	7.1	4.0	8.1
2016	0.8	0.8	3.3	7.6	4.2	8.4
2017						
January	W	0.5	W	6.2	3.9	6.6
February	W	0.6	W	5.6	4.4	6.2
March	W	0.4	W	5.5	4.6	5.9
April	W	0.3	W	5.9	3.8	6.2
May	W	0.3	W	5.5	3.8	5.9
June	W	0.5	W	7.6	3.7	8.2
July	W	0.6	W	5.7	3.4	6.3
August	W	0.4	W	8.1	3.7	8.4
September	W	0.7	W	7.2	4.1	7.8
October	W	0.6	W	7.8	3.5	8.4
November	W	0.6	W	6.6	4.3	7.2
December	W	0.3	W	7.7	4.6	8.1
2017	W	0.5	W	6.6	4.0	7.1
2018						
January	W	0.4	W	8.5	3.7	8.9
February	W	0.4	W	7.2	3.6	7.7
March	W	0.4	W	7.0	3.6	7.4
April	W	0.3	W	6.7	3.5	7.0
May	W	0.4	W	8.0	3.2	8.4
June	W	0.6	W	7.4	3.0	8.1
July	W	0.5	W	6.8	3.5	7.3
August	W	0.5	W	7.1	3.2	7.6
September	W	0.2	W	7.6	3.6	7.8
October	W	0.2	W	7.0	3.8	7.3
November	W	0.2	W	6.5	3.4	6.7
December	W	0.5	W	6.8	3.5	7.3
2018	W	0.4	W	7.2	3.5	7.6
2019						
January	W	0.3	W	6.9	3.6	7.2

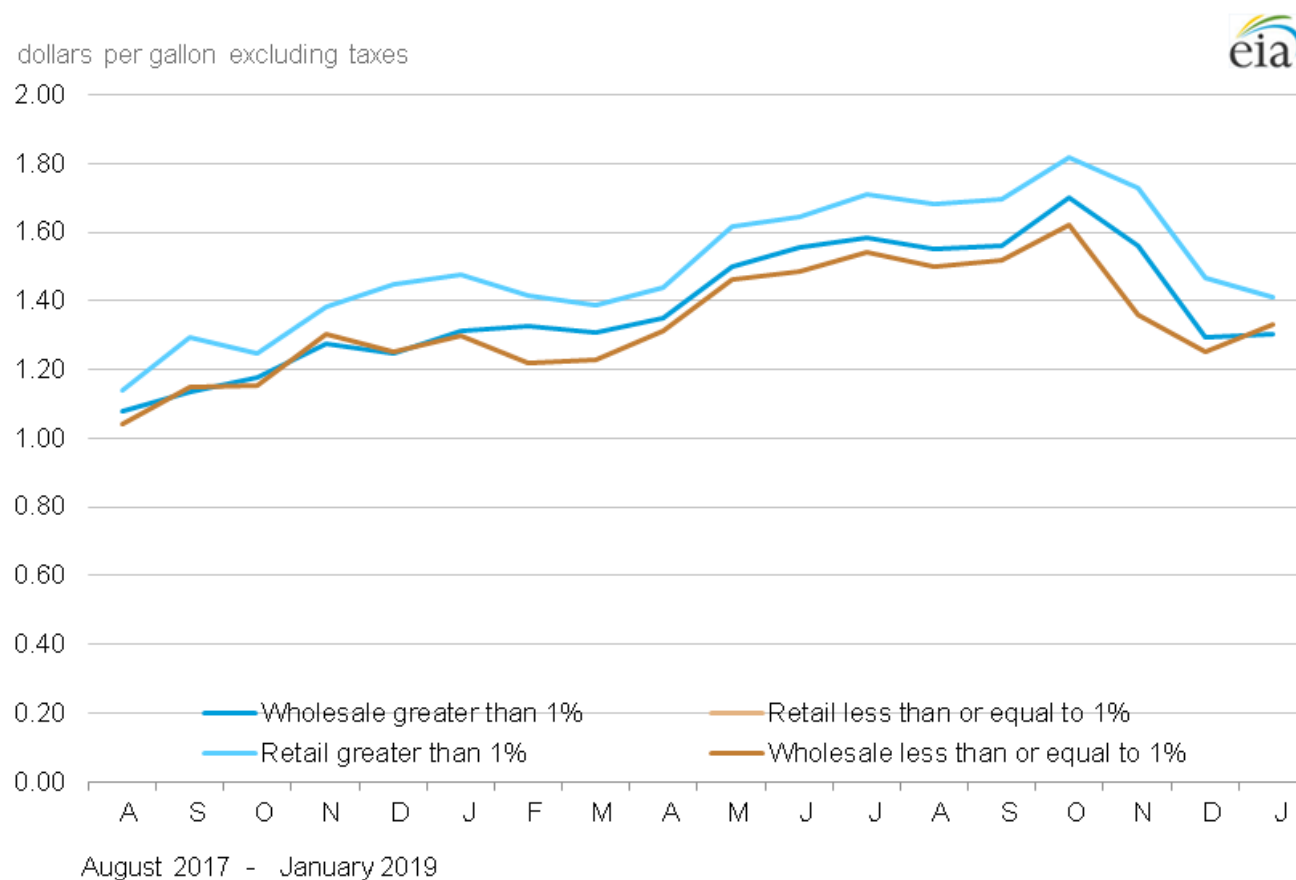
NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Figure 7. U.S. Refiner residual fuel oil prices**



Source: U.S. Energy Information Administration, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

# Crude Oil Prices

---

**Table 18. Domestic crude oil first purchase prices**

dollars per barrel

Year month	U.S. Average		PAD District 1				PAD District 2						
	U.S. Average	Less AK North Slope	Average	NY	PA	WV	Average	IL	IN	KS	KY	MI	NE
1997	17.23	17.92	19.25	18.49	18.79	17.56	18.60	19.11	18.73	18.63	17.97	18.75	18.10
1998	10.87	11.51	13.21	13.66	13.67	11.95	12.29	12.78	12.49	12.19	11.67	12.39	11.50
1999	15.56	16.38	17.36	18.65	18.49	16.46	17.27	17.37	17.31	17.08	16.68	16.63	17.21
2000	26.72	27.48	28.12	28.78	28.80	27.12	28.49	28.14	27.91	28.16	26.47	28.12	27.97
2001	21.84	22.77	23.98	24.19	24.82	22.35	23.95	23.76	23.46	23.56	22.53	22.69	23.67
2002	22.51	23.33	23.94	24.28	24.86	22.55	24.05	23.84	23.43	23.61	22.49	23.68	23.62
2003	27.56	28.47	29.12	28.91	29.60	28.06	29.24	29.10	28.38	28.68	27.21	29.18	28.63
2004	36.77	37.63	39.08	39.40	39.48	38.38	39.40	38.74	38.18	39.18	36.82	39.14	38.42
2005	50.28	51.02	53.84	54.64	54.57	53.75	53.33	51.20	51.02	53.41	49.45	53.67	52.38
2006	59.69	60.22	63.99	63.51	64.02	63.07	60.48	59.70	59.31	60.74	58.33	60.89	57.77
2007	66.52	67.04	69.00	69.46	70.00	67.27	67.16	65.66	65.47	66.85	63.60	66.87	62.78
2008	94.04	94.72	96.60	W	96.76	95.07	92.51	93.48	91.92	92.08	90.87	95.75	87.99
2009	56.35	56.65	56.56	W	56.96	55.77	55.00	55.47	55.65	54.41	55.24	56.39	50.93
2010	74.71	75.04	71.74	W	69.80	70.74	72.45	73.18	72.82	72.43	70.63	74.91	69.65
2011	95.73	95.35	90.77	W	87.16	86.56	89.38	88.73	88.15	88.52	86.00	92.40	85.48
2012	94.52	94.11	91.19	W	88.41	87.16	86.29	88.74	88.62	87.85	87.02	90.91	84.95
2013	95.99	96.00	92.45	W	89.84	91.26	91.64	92.94	93.04	91.85	91.17	96.50	87.44
2014	87.39	87.45	82.20	W	80.07	82.46	85.01	87.66	87.88	86.80	86.61	89.46	82.82
2015	44.39	44.58	37.65	W	38.98	33.72	42.44	43.97	44.51	43.16	45.38	45.38	40.10
2016	38.29	38.64	34.88	W	38.50	31.11	37.62	38.85	38.97	37.87	39.95	43.07	36.22
2017													
January	48.19	48.47	46.27	W	48.14	43.95	47.16	48.20	48.11	47.67	49.16	53.17	46.07
February	49.41	49.70	46.67	W	48.74	43.99	48.89	49.35	48.82	48.09	50.12	53.79	46.62
March	46.39	46.55	43.98	W	44.89	42.42	45.17	45.90	45.69	44.33	46.26	50.19	42.85
April	47.23	47.47	45.42	W	46.33	44.62	46.52	47.08	47.05	46.23	47.55	51.67	44.63
May	45.19	45.42	42.58	W	43.72	41.56	44.58	44.55	44.46	43.69	45.09	49.23	42.24
June	42.17	42.42	39.34	W	40.60	38.25	41.26	41.16	41.11	40.38	39.87	45.79	38.87
July	43.42	43.57	40.98	W	41.63	39.75	42.75	42.61	42.51	41.81	43.63	46.97	40.40
August	44.96	45.15	41.89	W	43.20	39.95	44.68	44.15	44.05	43.08	44.77	48.72	41.48
September	47.17	47.30	43.40	W	43.46	41.94	46.33	45.61	45.46	44.60	46.22	50.54	43.07
October	49.12	49.20	46.24	W	47.09	44.52	49.29	48.53	47.51	46.79	48.02	52.26	45.39
November	55.19	55.26	51.11	W	51.76	49.02	54.94	52.85	52.64	52.05	53.32	57.31	50.32
December	56.98	57.09	52.73	W	52.83	50.63	55.94	54.24	54.13	53.38	54.82	58.52	51.77
2017	48.05	48.23	44.96	W	45.93	43.34	47.39	47.02	46.76	45.95	47.33	51.51	44.33
2018													
January	62.25	62.38	57.79	W	57.76	55.46	61.44	59.93	59.72	59.00	60.42	64.33	57.40
February	61.20	61.35	56.69	W	56.82	54.52	59.67	58.47	58.26	57.64	58.91	62.81	56.04
March	60.68	60.82	57.27	W	57.73	55.69	59.64	59.18	58.89	58.35	59.75	63.48	56.78
April	63.50	63.58	60.40	W	61.22	58.72	63.04	62.62	62.27	61.75	62.83	67.51	60.07
May	66.16	66.14	64.27	W	65.17	62.09	66.37	66.19	65.96	65.35	66.52	70.94	63.82
June	62.80	62.70	62.48	W	62.30	60.46	63.75	63.75	63.46	62.73	63.99	68.40	61.12
July	67.00	66.96	66.27	W	65.40	63.59	68.10	67.27	67.03	66.47	67.66	71.55	64.67
August	62.64	62.49	61.95	W	62.18	60.36	65.83	64.25	64.03	63.74	64.66	68.89	61.78
September	63.55	63.21	64.38	W	64.32	62.46	67.31	66.57	66.24	65.75	66.85	71.17	63.95
October	65.18	64.92	65.27	W	64.94	63.33	67.58	67.11	66.84	66.29	67.52	70.37	64.63
November	55.65	55.57	52.11	W	51.17	50.13	52.46	53.30	53.14	52.46	54.58	56.28	50.76
December	47.72	47.57	43.98	W	43.42	41.67	40.97	45.30	45.10	44.30	45.45	48.47	42.05
2018	61.41	61.36	R59.41	W	59.52	57.30	61.19	61.24	60.98	60.45	61.84	65.51	58.61
2019													
January	47.85	47.51	46.09	W	45.91	43.93	46.08	48.07	47.82	46.96	48.30	50.98	44.76

See footnotes at end of table.

**Table 18. Domestic crude oil first purchase prices (cont.)**

dollars per barrel

Year month	PAD District 2 (cont.)				PAD District 3							Federal
	ND	OH	OK	SD	Average	AL	AR	LA	MS	NM	TX	Offshore Gulf
1997	17.63	17.77	19.05	17.80	18.69	18.58	17.58	19.22	16.94	19.02	18.66	18.63
1998	11.39	12.20	12.73	12.29	12.19	12.08	11.10	12.59	10.33	12.36	12.28	12.03
1999	16.70	16.41	17.77	16.86	17.07	16.71	15.89	17.73	15.42	17.46	17.29	16.66
2000	28.19	27.49	29.08	28.18	28.22	27.63	26.98	29.03	26.23	28.80	28.60	27.59
2001	23.55	22.55	24.68	23.89	23.43	23.18	21.82	24.51	21.13	23.72	23.41	23.29
2002	24.15	22.61	24.49	23.96	23.74	23.39	21.50	24.84	22.11	24.11	23.77	23.49
2003	29.27	28.18	29.72	28.94	29.08	28.97	26.57	30.52	27.46	29.52	29.13	28.72
2004	39.30	38.27	39.95	38.40	38.41	38.79	36.67	40.48	37.03	39.25	38.79	37.07
2005	52.38	53.47	54.46	50.65	51.96	53.26	50.86	54.05	49.58	52.84	52.61	49.78
2006	56.69	62.89	63.11	51.85	61.49	63.16	58.67	64.23	59.35	61.74	61.31	60.80
2007	65.30	68.09	69.31	62.78	68.37	71.10	64.25	71.63	68.65	68.94	68.30	67.40
2008	88.68	96.43	96.15	87.42	97.64	96.71	90.91	100.89	94.60	96.23	96.85	99.10
2009	53.75	56.35	56.56	50.75	57.77	55.25	53.07	59.18	58.29	57.08	57.40	58.22
2010	70.26	73.68	75.18	69.04	76.57	75.54	71.01	78.25	76.41	75.64	76.23	77.06
2011	88.74	90.79	90.94	87.08	96.79	105.99	87.61	106.20	100.43	90.93	91.99	105.65
2012	84.06	92.87	89.97	83.10	96.11	104.81	89.39	105.97	100.80	88.01	92.50	105.95
2013	90.22	94.89	94.25	89.28	97.53	103.10	92.98	105.18	100.44	92.13	95.80	103.29
2014	82.89	83.95	89.25	82.78	88.43	89.73	85.23	94.13	90.81	83.44	87.02	93.33
2015	41.42	38.40	44.96	42.73	45.61	44.55	43.04	48.43	46.81	44.40	44.95	47.67
2016	36.51	37.04	39.51	36.39	39.19	38.53	37.21	41.08	39.18	39.18	39.35	38.63
2017												
January	45.87	47.38	49.24	45.92	48.92	47.90	46.32	50.52	47.70	49.44	49.41	47.67
February	48.26	48.26	50.23	47.90	50.04	49.21	47.10	51.43	48.68	50.46	50.45	48.97
March	44.40	44.39	46.74	43.97	47.08	45.94	43.37	48.11	45.44	46.72	46.77	47.91
April	45.62	45.88	48.24	45.38	47.82	47.50	44.73	49.68	46.99	47.29	47.93	47.63
May	44.07	43.48	45.74	42.83	45.77	45.47	42.16	47.54	44.96	44.56	45.37	47.09
June	40.62	40.91	42.60	39.54	42.89	42.02	38.88	44.27	41.86	41.75	42.49	44.33
July	42.09	42.34	44.13	41.42	43.89	43.86	40.16	45.81	43.35	43.33	43.87	44.05
August	44.25	43.84	45.79	43.04	45.27	45.56	42.02	47.56	45.33	44.79	45.37	45.05
September	46.00	45.63	47.26	45.03	47.47	47.74	43.47	49.36	47.29	46.76	47.52	47.51
October	49.93	47.54	48.73	46.67	49.02	50.98	45.09	52.35	50.57	47.75	49.29	48.45
November	55.50	52.43	54.87	52.18	55.28	56.94	50.55	58.57	56.65	53.95	55.42	55.09
December	56.44	53.80	55.75	53.43	57.39	58.81	51.81	60.10	58.40	55.77	57.27	58.22
2017	47.04	46.14	48.41	45.60	48.50	48.34	44.60	50.37	48.06	47.90	48.57	48.46
2018												
January	61.75	59.25	61.50	59.18	62.56	63.85	57.22	65.57	63.42	61.57	62.87	61.88
February	59.65	58.01	60.22	57.96	61.89	62.04	55.97	63.51	61.25	60.85	61.78	62.60
March	58.96	58.65	61.01	58.64	61.07	60.42	56.82	62.69	60.29	60.51	61.22	60.85
April	62.48	62.01	64.37	61.65	63.53	63.69	59.74	65.82	63.41	62.86	63.84	62.81
May	65.72	65.45	67.83	65.31	65.64	67.75	62.52	69.99	67.39	63.02	65.38	67.34
June	63.01	62.82	65.35	62.37	61.79	66.92	59.79	68.65	66.31	55.59	60.18	68.51
July	67.85	66.20	69.08	66.09	66.33	73.20	64.46	74.52	72.38	60.02	65.14	71.30
August	65.31	62.95	67.58	64.32	61.08	66.46	61.44	68.81	66.25	54.43	59.40	67.61
September	66.76	65.10	68.91	64.57	61.33	70.34	63.86	71.80	69.46	52.97	59.56	69.46
October	67.14	65.85	68.92	64.92	63.33	72.92	65.67	74.03	72.26	54.87	61.44	71.93
November	51.24	52.20	54.95	49.68	56.19	59.77	51.81	60.82	59.35	48.55	52.93	67.76
December	37.68	44.18	46.74	38.89	49.25	51.44	43.90	52.47	51.20	43.59	46.59	58.94
2018	60.33	60.61	62.95	59.55	61.04	64.93	58.69	66.65	64.39	56.06	59.91	65.97
2019												
January	44.49	46.91	49.02	43.67	47.40	52.73	46.47	53.89	52.65	41.85	45.82	54.13

See footnotes at end of table.



**Table 18. Domestic crude oil first purchase prices (cont.)**

dollars per barrel

Year month	PAD District 4					PAD District 5				
	Average	CO	MT	UT	WY	Average	AK North Slope	AK Other	CA	Federal Offshore CA
1997	17.80	19.03	17.00	18.57	17.41	15.06	14.84	17.43	15.78	12.97
1998	11.38	12.56	11.28	12.52	10.70	8.80	8.47	11.55	9.55	6.99
1999	16.79	17.37	16.54	17.69	16.47	13.10	12.46	17.44	14.08	11.78
2000	27.60	28.85	27.82	28.53	26.89	24.16	23.62	28.23	24.82	23.32
2001	22.73	24.82	23.16	24.09	21.55	19.03	18.18	23.30	20.11	18.38
2002	23.01	25.29	22.76	23.87	21.96	20.39	19.37	24.47	21.87	19.03
2003	28.09	30.71	28.66	28.88	26.63	24.97	23.78	28.48	26.43	24.25
2004	37.34	40.38	38.53	39.35	35.10	33.69	33.03	38.76	34.47	32.23
2005	50.65	55.34	52.66	53.98	45.63	47.03	47.05	54.19	47.08	43.48
2006	57.38	63.80	56.69	59.70	53.25	57.03	56.86	64.10	57.34	53.37
2007	62.54	67.04	64.64	62.48	58.34	64.24	63.69	69.60	65.07	59.39
2008	88.23	90.80	89.96	86.58	86.07	90.16	90.10	95.04	90.47	85.68
2009	52.16	52.33	52.96	50.22	52.30	55.23	54.41	W	56.11	53.59
2010	69.72	72.75	70.24	68.09	68.10	73.29	72.33	W	74.51	69.80
2011	85.64	88.26	88.61	82.53	83.45	100.39	98.79	W	102.50	96.01
2012	82.91	85.78	82.98	82.73	80.70	101.33	98.70	W	104.10	97.04
2013	87.16	90.10	88.73	84.79	85.30	99.08	95.79	W	102.53	91.40
2014	80.92	82.48	80.54	79.04	80.54	89.30	86.41	W	92.14	80.55
2015	40.58	40.51	40.38	40.69	40.64	43.58	41.11	W	45.63	37.62
2016	36.68	37.81	35.40	36.92	35.98	35.68	33.13	W	37.96	W
2017										
January	46.14	47.14	44.74	44.83	46.23	46.55	43.91	W	49.00	W
February	48.06	49.79	46.75	45.88	47.94	47.42	45.01	W	49.73	W
March	44.44	45.09	43.36	43.79	44.49	45.24	43.95	W	46.52	W
April	45.54	46.62	44.17	43.34	46.07	45.89	43.63	W	48.10	W
May	43.62	44.04	42.49	42.76	44.07	43.65	41.59	W	45.65	W
June	40.56	40.77	38.95	40.44	40.90	40.17	37.40	W	42.32	W
July	41.69	41.92	40.62	40.23	42.63	42.48	40.56	W	44.04	W
August	43.34	43.55	42.49	42.15	44.02	44.46	41.15	W	46.94	W
September	45.27	45.40	44.61	43.69	46.14	47.61	45.15	W	50.10	W
October	46.88	46.88	46.83	45.15	47.76	50.42	47.93	W	53.08	W
November	51.90	52.07	52.32	49.36	52.82	56.53	54.07	-	59.20	W
December	52.86	53.08	53.29	50.11	53.83	58.03	54.88	W	60.87	W
2017	45.94	46.41	44.89	44.24	46.63	47.44	45.21	W	49.54	W
2018										
January	58.46	58.71	58.60	56.49	59.06	63.33	60.38	W	66.66	W
February	57.20	57.57	57.02	55.27	57.84	61.16	58.38	W	63.89	W
March	57.73	57.93	57.01	56.65	58.24	61.13	58.55	W	64.23	W
April	61.00	61.36	60.76	59.27	61.50	65.09	62.27	W	68.19	W
May	64.47	64.72	64.02	61.55	65.63	69.57	66.50	W	73.12	W
June	61.86	62.43	61.20	58.87	62.87	67.96	64.42	W	71.66	W
July	65.25	65.53	66.34	61.19	66.86	70.55	67.92	W	72.78	W
August	63.18	63.52	63.19	59.12	64.46	67.57	65.76	W	69.34	W
September	64.13	65.30	63.50	60.89	64.50	71.62	69.75	W	73.67	W
October	64.52	65.71	63.65	61.59	64.62	72.87	69.68	W	76.27	W
November	50.61	52.37	46.26	51.79	48.58	59.75	57.00	W	62.96	W
December	41.35	44.30	32.39	43.55	38.82	52.07	50.12	W	54.45	W
2018	59.02	59.90	58.03	57.09	R59.11	R65.03	R62.21	W	68.12	W
2019										
January	44.32	45.47	42.10	43.26	43.85	55.24	53.34	W	57.72	W

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - In November 2017, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - The actual domestic average price represents the average price at the lease (or wellhead) at which domestic crude oil is purchased. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2017 are final.

Sources: U.S. Energy Information Administration Form EIA-182, "Domestic Crude Oil First Purchase Report."

**Table 19. Domestic crude oil first purchase prices for selected crude streams**

dollars per barrel

Year month	Alaska North Slope	California Kern River	California Midway-Sunset	Heavy Louisiana Sweet	Louisiana Light Sweet	Mars Blend	West Texas Intermediate	West Texas Sour	Wyoming Sweet
1997	14.84	15.02	14.88	-	-	-	19.27	17.77	-
1998	8.47	8.59	8.48	-	-	-	12.89	11.50	-
1999	12.46	14.02	12.22	-	-	-	17.78	16.66	-
2000	23.62	23.88	23.56	-	-	-	29.16	27.66	-
2001	18.18	19.03	19.50	-	-	-	24.62	22.10	-
2002	19.37	19.80	22.81	-	-	-	24.33	23.23	-
2003	23.78	25.24	26.67	-	-	-	29.60	28.18	30.11
2004	33.03	33.42	33.74	37.78	40.24	34.53	39.55	37.29	39.52
2005	47.05	44.67	45.93	51.61	51.95	46.13	53.90	50.72	53.94
2006	56.86	55.05	54.59	63.41	64.04	57.35	63.16	59.03	60.52
2007	63.69	62.14	61.62	70.00	72.93	63.37	69.59	65.56	64.79
2008	90.10	87.27	86.92	103.96	104.51	93.40	97.39	95.31	89.30
2009	54.41	53.94	53.00	58.61	61.26	57.21	57.27	56.63	51.68
2010	72.33	72.80	72.26	78.16	79.28	75.43	76.63	75.03	70.43
2011	98.79	103.14	100.96	106.74	108.48	105.30	92.18	90.77	87.42
2012	98.70	103.41	103.05	106.77	107.53	105.03	91.36	87.94	84.81
2013	95.79	101.33	101.02	105.73	106.32	100.80	95.26	92.51	90.10
2014	86.41	90.38	89.34	95.53	94.37	92.50	85.90	85.66	82.19
2015	41.11	44.71	43.81	47.83	47.91	46.27	44.58	45.78	41.77
2016	33.13	36.83	36.12	40.37	40.56	36.75	39.20	39.44	37.86
2017									
January	43.91	47.73	47.17	50.28	49.41	45.84	49.42	48.73	47.82
February	45.01	48.71	48.06	51.11	50.41	47.07	50.62	49.25	49.94
March	43.95	45.60	45.23	48.88	47.06	45.86	46.83	45.96	45.96
April	43.63	46.90	46.78	49.94	48.50	45.80	47.50	47.23	47.56
May	41.59	44.62	44.30	48.49	46.43	45.00	44.93	44.87	45.02
June	37.40	41.43	41.01	45.29	43.26	42.38	42.08	42.27	41.83
July	40.56	43.10	42.63	46.18	44.62	42.21	43.35	43.67	43.66
August	41.15	46.03	45.63	47.90	46.41	43.13	44.94	45.16	44.72
September	45.15	49.17	48.66	49.63	48.41	46.32	47.18	47.29	46.79
October	47.93	52.02	51.69	52.16	51.67	48.72	48.56	48.10	48.57
November	54.07	W	57.91	58.58	58.13	54.02	54.75	53.89	53.58
December	54.88	W	59.24	61.19	59.89	56.49	56.64	55.83	54.88
2017	45.21	48.33	48.04	50.27	49.52	46.89	48.50	48.25	47.80
2018									
January	60.38	W	65.50	65.56	64.79	60.92	62.31	61.81	60.77
February	58.38	W	62.39	64.20	62.96	61.01	61.65	60.57	59.97
March	58.55	W	63.02	62.74	61.42	59.01	61.26	59.87	60.36
April	62.27	W	66.84	66.31	64.53	61.13	63.51	63.08	63.33
May	66.50	W	71.58	70.60	68.53	66.02	64.38	63.04	66.75
June	64.42	W	70.21	69.52	67.74	66.96	58.10	56.17	63.97
July	67.92	W	71.30	74.47	74.25	69.89	62.70	60.71	68.17
August	65.76	W	68.14	68.71	67.92	65.96	57.09	55.20	65.75
September	69.75	W	72.66	72.26	71.04	68.04	56.49	53.38	66.02
October	69.68	75.65	75.09	74.66	74.59	71.58	58.15	56.03	66.18
November	57.00	62.12	61.52	64.08	61.60	65.37	50.96	48.80	50.84
December	50.12	53.48	53.03	56.89	53.38	55.95	44.95	46.61	40.55
2018	R62.21	67.05	66.97	67.54	66.17	64.59	R58.11	57.04	R60.64
2019									
January	53.34	57.27	56.39	55.51	53.96	52.20	44.06	42.07	44.71

- = No data reported.

R = Revised data.

Notes: - In November 2017, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2017 are final.

Sources: U.S. Energy Information Administration, Form EIA-182, "Domestic Crude Oil First Purchase Report."

**Table 20. Domestic crude oil first purchase prices by API gravity**

dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 or greater
1997	15.44	16.27	14.87	18.38	18.62	19.26
1998	9.22	9.62	8.50	12.03	12.17	12.80
1999	14.00	15.30	12.50	16.92	17.18	17.64
2000	24.42	25.64	23.64	28.10	28.36	29.09
2001	19.53	19.59	18.18	23.31	23.99	24.43
2002	21.08	20.80	19.39	23.62	23.94	24.26
2003	25.82	25.56	23.80	28.77	29.21	29.66
2004	33.38	35.02	33.21	37.24	39.33	39.97
2005	45.01	46.33	47.09	50.81	53.14	54.06
2006	54.96	57.89	56.18	60.78	61.83	61.86
2007	62.00	64.94	62.83	67.14	69.29	69.17
2008	87.10	91.01	89.55	98.41	96.69	94.95
2009	54.05	55.66	54.30	57.66	56.93	56.66
2010	72.40	75.04	71.78	76.22	76.03	74.48
2011	101.30	103.07	97.12	99.65	94.54	91.87
2012	102.79	101.56	96.64	98.48	93.12	91.01
2013	99.40	100.70	94.13	99.11	96.24	94.76
2014	87.83	91.05	85.48	90.95	86.56	86.12
2015	43.88	45.71	40.73	46.82	44.67	43.65
2016	36.87	38.52	32.94	38.95	39.33	38.25
2017						
January	48.35	49.32	43.77	48.25	49.47	48.12
February	48.82	49.78	44.88	49.22	50.68	49.64
March	45.70	46.37	43.79	46.92	46.93	46.04
April	47.17	48.43	43.53	47.66	47.78	47.32
May	44.77	46.00	41.55	46.07	45.26	45.31
June	41.52	42.60	37.41	43.35	42.31	42.10
July	43.22	44.58	40.48	43.96	43.63	43.63
August	46.18	47.20	41.12	45.26	45.18	45.44
September	49.30	50.57	45.06	47.62	47.39	47.29
October	52.39	53.05	47.78	49.32	48.92	50.26
November	58.59	58.91	53.91	55.03	54.99	56.23
December	60.04	60.77	54.63	57.26	56.81	57.61
2017	48.74	49.77	45.08	48.40	48.64	48.44
2018						
January	66.17	66.46	60.05	62.38	62.46	63.07
February	62.89	63.48	57.95	61.52	61.69	61.30
March	63.44	64.34	58.17	60.30	61.35	60.68
April	67.34	67.64	61.91	63.23	63.78	63.74
May	72.16	71.97	66.28	66.19	65.06	66.59
June	70.88	70.43	64.18	63.35	59.38	63.23
July	72.00	72.24	67.59	67.62	63.90	68.35
August	68.66	68.70	65.42	62.83	58.61	63.76
September	73.09	72.27	69.25	63.74	58.27	65.14
October	75.76	75.18	69.22	66.28	59.85	66.45
November	62.33	61.42	56.41	59.04	51.61	53.90
December	53.77	52.74	49.57	52.45	45.13	44.52
2018	67.45	67.25	R61.83	62.35	R58.96	61.59
2019						
January	57.16	57.06	52.95	49.43	44.72	47.45

R = Revised data.

Notes: - In November 2017, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2017 are final.

Sources: U.S. Energy Information Administration, Form EIA-182, "Domestic Crude Oil First Purchase Report."

**Table 21. F.O.B.[a] costs of imported crude oil by selected country**  
dollars per barrel

Year month	Selected countries							Persian Gulf[b]	Total OPEC[c]	Non OPEC
	Angola	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
1997	18.81	18.85	16.72	19.43	15.16	18.59	15.33	15.24	16.26	17.51
1998	12.11	12.56	10.49	12.97	8.87	12.52	9.31	9.09	10.20	11.21
1999	17.46	17.20	15.89	17.32	17.65	19.14	14.33	17.15	15.90	16.84
2000	27.90	29.04	25.39	28.70	24.62	27.21	24.45	24.72	25.56	26.77
2001	23.25	24.25	18.89	24.85	18.98	23.30	18.01	18.89	19.73	21.04
2002	24.09	24.64	21.60	25.38	23.92	24.50	20.13	23.38	22.18	22.93
2003	28.22	28.89	24.83	29.40	25.03	28.76	23.81	25.17	25.36	26.21
2004	37.26	37.73	31.55	38.71	34.08	37.30	31.78	33.08	33.95	33.58
2005	52.48	51.89	43.00	55.95	47.96	54.48	46.39	47.21	49.60	45.79
2006	62.23	59.77	52.91	65.69	56.09	66.03	55.80	56.02	59.18	55.35
2007	67.80	67.93	61.35	76.64	W	69.96	64.10	69.93	69.58	62.69
2008	95.66	91.17	84.61	102.06	93.03	96.33	88.06	91.44	93.15	87.15
2009	57.07	57.90	56.47	64.61	57.87	65.63	55.58	59.53	58.53	57.16
2010	78.18	72.56	72.46	80.83	76.44	W	70.30	75.65	75.23	73.24
2011	111.82	100.21	100.90	115.35	107.08	-	97.23	106.47	105.34	98.49
2012	111.23	106.43	101.84	114.51	106.65	-	100.15	105.45	104.39	95.71
2013	107.71	101.24	98.40	110.06	101.16	W	97.52	100.62	100.57	93.67
2014	W	80.75	86.55	W	95.60	-	84.51	94.03	89.76	82.95
2015	W	47.52	44.90	W	47.53	-	40.73	46.95	43.25	41.19
2016	42.68	35.28	36.22	46.20	39.30	W	34.71	38.76	38.51	34.81
<b>2017</b>										
January	-	47.92	45.50	W	W	-	45.94	47.61	47.30	43.25
February	W	46.97	45.91	W	51.03	-	45.69	50.01	49.11	43.63
March	W	46.05	42.10	W	48.54	-	42.47	47.78	46.83	41.73
April	W	46.76	44.32	W	50.00	W	43.71	48.93	47.16	41.46
May	W	44.70	44.85	W	47.95	-	42.27	47.14	46.08	42.66
June	W	41.30	41.86	48.88	45.41	-	39.16	44.45	43.52	40.28
July	W	44.44	44.33	50.26	46.94	-	41.72	45.95	45.40	40.39
August	W	47.16	46.33	52.18	49.33	-	45.41	48.06	48.32	41.38
September	-	W	48.06	W	53.41	-	49.22	51.74	52.36	43.26
October	-	52.69	49.01	58.58	55.44	-	52.51	50.92	53.93	44.21
November	-	W	54.66	W	60.22	W	55.88	59.12	58.89	48.57
December	-	W	55.32	W	62.09	-	58.27	60.36	61.52	49.87
2017	W	48.34	46.66	54.77	51.30	W	45.60	50.16	49.55	43.30
<b>2018</b>										
January	W	61.24	58.75	W	65.03	W	62.07	63.50	64.12	51.34
February	W	59.66	56.74	W	63.19	W	55.72	61.90	61.07	49.79
March	-	W	56.73	W	65.04	W	56.84	61.90	60.90	49.09
April	W	65.95	57.68	W	68.33	W	63.17	66.05	66.09	53.73
May	-	W	63.32	W	70.57	W	66.56	69.66	70.07	58.99
June	W	W	64.46	W	71.32	W	64.82	70.18	69.44	59.81
July	W	68.32	66.21	-	70.62	-	62.93	70.30	67.64	59.84
August	W	67.29	63.08	W	70.91	W	63.09	69.96	68.31	57.46
September	W	W	68.15	W	72.90	W	68.94	72.05	71.80	56.39
October	W	W	73.93	W	74.73	W	68.44	74.61	73.26	54.31
November	-	64.87	R63.76	W	R62.73	W	R53.25	R63.76	R60.68	R36.18
December	-	50.04	R52.70	W	R58.31	-	R46.66	R55.33	R52.64	R28.95
2018	74.44	62.51	R62.83	R71.41	R68.62	71.65	R61.35	R66.75	R65.76	R51.43
<b>2019</b>										
January	-	53.27	54.31	W	W	W	49.38	56.54	54.82	44.70

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary.

[b] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

[c] Includes Algeria, Angola (January 2007-present), Congo (Brazzaville) (June 2018-present), Ecuador (January 2008-present), Equatorial Guinea (May 2017-present), Gabon (July 2016-present), Indonesia (1997-2008 and January 2016-November 2016), Iran, Iraq, Kuwait, Libya, Nigeria, Qatar (1997-2018), Saudi Arabia, United Arab Emirates and Venezuela.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: U.S. Energy Information Administration Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

**Table 22. Landed costs of imported crude oil by selected country**

dollars per barrel

Year month	Selected countries								Persian Gulf[a]	Total OPEC[b]	Non OPEC
	Angola	Canada	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
1997	20.24	17.63	19.71	17.30	20.64	17.52	20.64	16.35	17.44	17.73	18.45
1998	13.37	11.62	13.26	11.04	14.14	11.16	13.55	10.16	11.18	11.46	12.22
1999	18.37	17.54	18.09	16.12	17.63	17.48	18.26	15.58	17.37	16.94	17.51
2000	29.57	26.69	29.68	26.03	30.04	26.58	29.26	26.05	26.77	27.29	27.80
2001	25.13	20.72	25.88	19.37	26.55	20.98	25.32	19.81	20.73	21.52	22.17
2002	25.43	22.98	25.28	22.09	26.45	24.77	26.35	21.93	24.13	23.83	23.97
2003	30.14	26.76	30.55	25.48	31.07	27.50	30.62	25.70	27.54	27.70	27.68
2004	39.62	34.51	39.03	32.25	40.95	37.11	39.28	33.79	36.53	36.84	35.29
2005	54.31	44.73	53.42	43.47	57.55	50.31	55.28	47.87	49.68	51.36	47.31
2006	64.85	53.90	62.13	53.76	68.26	59.19	67.44	57.37	58.92	61.21	57.14
2007	71.27	60.38	70.91	62.31	78.01	70.78	72.47	66.13	69.83	71.14	63.96
2008	98.18	90.00	93.43	85.97	104.83	94.75	96.95	90.76	93.59	95.49	90.59
2009	61.32	57.60	58.50	57.35	68.01	62.14	63.87	57.78	62.15	61.90	58.58
2010	80.61	72.80	74.25	72.86	83.14	79.29	80.29	72.43	78.60	78.28	74.68
2011	114.05	89.92	102.57	101.21	116.43	108.83	118.45	100.14	108.01	107.84	98.64
2012	114.95	84.24	107.07	102.45	116.88	108.15	W	101.58	107.74	107.56	95.05
2013	110.81	84.41	103.00	99.06	112.87	102.60	111.23	99.34	102.53	102.98	91.99
2014	99.25	81.30	88.29	87.48	102.16	94.91	W	86.88	95.30	93.10	84.67
2015	51.73	41.99	49.53	45.51	54.70	49.78	W	42.87	49.43	47.44	44.09
2016	44.65	36.27	38.86	36.64	48.11	42.14	W	35.50	41.20	40.54	37.09
2017											
January	-	44.70	49.17	46.35	54.74	50.40	W	47.53	49.35	49.22	45.76
February	W	44.97	49.66	46.57	54.42	52.27	-	46.28	50.92	50.48	46.26
March	W	43.00	48.29	42.97	W	50.36	W	43.91	49.58	48.91	44.03
April	W	43.05	48.38	44.65	W	50.18	W	44.53	49.03	48.47	44.31
May	W	44.24	45.92	45.51	51.83	49.17	W	43.50	47.37	47.36	45.23
June	50.74	41.76	44.89	42.36	50.36	47.97	W	40.88	46.86	45.77	42.67
July	50.20	41.60	46.72	45.17	50.89	48.22	-	42.25	47.48	46.91	43.36
August	52.23	43.18	48.56	46.86	53.18	51.43	W	46.16	49.31	49.55	45.41
September	56.59	45.14	52.43	49.63	57.99	55.03	W	50.98	52.93	53.53	47.42
October	W	45.68	53.95	50.28	59.35	58.34	W	53.05	55.14	55.71	48.21
November	61.03	51.16	59.52	55.47	64.27	61.66	62.24	57.19	59.63	59.83	53.67
December	W	51.15	61.58	56.01	67.20	63.52	-	58.80	61.48	62.13	53.90
2017	54.17	44.93	50.60	47.73	56.48	52.56	56.11	47.02	51.42	51.26	46.67
2018											
January	66.55	51.20	63.25	59.85	69.15	64.81	W	62.79	63.94	64.83	54.64
February	W	48.23	62.55	57.37	69.60	65.30	68.19	55.98	63.21	62.93	52.91
March	70.27	47.01	63.59	56.99	70.59	66.77	W	57.72	63.72	63.56	51.07
April	W	52.22	66.34	58.62	W	69.44	73.82	63.51	67.09	66.99	56.36
May	W	58.19	70.63	64.03	79.38	71.28	W	67.45	70.85	71.50	61.72
June	76.28	58.57	70.64	65.38	W	72.17	72.88	65.81	71.49	70.65	62.95
July	75.55	58.99	71.20	66.82	W	72.56	-	63.67	71.62	70.54	62.54
August	75.45	56.78	68.79	64.18	W	72.79	72.41	64.12	71.58	70.44	60.79
September	75.83	52.35	73.88	69.79	W	72.56	W	70.73	72.26	72.45	58.76
October	W	47.93	73.27	74.79	W	73.75	W	69.31	72.24	72.19	57.35
November	-	R28.06	R66.20	R64.52	68.03	R66.13	W	R55.70	R65.13	R63.36	R38.56
December	-	R21.62	R54.71	R53.89	R62.21	R59.65	W	R48.63	R58.20	R56.72	R30.69
2018	73.42	R48.33	R66.78	R63.54	R71.93	R69.40	R73.28	R62.43	R67.60	R67.24	R54.26
2019											
January	-	38.44	55.66	55.65	W	58.36	W	52.00	57.75	56.32	43.64

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

[b] Includes Algeria, Angola (January 2007-present), Congo (Brazzaville) (June 2018-present), Ecuador (January 2008-present), Equatorial Guinea (May 2017-present), Gabon (July 2016-present), Indonesia (1997-2008 and January 2016-November 2016), Iran, Iraq, Kuwait, Libya, Nigeria, Qatar (1997-2018), Saudi Arabia, United Arab Emirates and Venezuela.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: U.S. Energy Information Administration Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

**Table 23. F.O.B.[a] costs of imported crude oil by API gravity**

dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	13.12	14.94	17.49	17.61	19.37	19.88	19.77
1998	7.00	8.95	10.77	11.73	12.91	13.12	12.92
1999	12.13	14.49	17.07	17.33	18.03	18.81	17.00
2000	21.81	23.75	26.49	27.09	28.77	29.55	29.89
2001	16.17	17.23	21.84	21.60	23.84	24.80	25.72
2002	18.78	20.51	23.48	24.20	24.92	25.20	25.16
2003	21.88	24.09	25.65	27.49	28.67	29.35	28.64
2004	28.95	30.53	33.65	35.57	38.51	39.90	39.26
2005	40.54	41.52	49.26	50.82	54.65	56.47	52.83
2006	50.19	51.62	58.25	60.27	64.36	66.43	64.85
2007	56.69	60.14	69.31	71.44	73.46	74.27	70.10
2008	81.25	83.07	96.68	94.56	98.17	102.32	100.20
2009	54.76	54.36	56.30	59.78	63.63	62.10	63.32
2010	69.51	69.72	76.73	77.48	79.45	79.43	81.04
2011	94.66	94.15	103.09	107.24	111.37	114.28	112.74
2012	96.07	94.35	104.28	103.99	106.59	110.99	119.48
2013	93.91	91.27	100.20	101.44	104.26	108.78	103.41
2014	82.40	80.16	92.53	93.77	94.26	99.49	W
2015	40.07	38.33	47.33	47.85	49.98	54.59	W
2016	34.05	32.66	38.81	40.61	42.86	48.63	46.94
<b>2017</b>							
January	44.96	41.08	47.97	50.43	50.01	-	W
February	44.33	42.25	48.44	50.86	50.29	51.84	W
March	41.90	39.38	47.25	49.76	50.83	52.79	W
April	42.29	40.12	45.56	49.43	48.69	49.92	W
May	41.78	40.50	45.29	49.71	48.59	51.24	50.00
June	38.25	38.65	43.53	46.21	46.53	45.83	W
July	39.97	39.42	45.14	45.78	46.32	48.92	W
August	42.21	40.85	45.53	48.82	47.92	52.34	W
September	44.11	41.26	48.71	52.16	51.74	56.00	W
October	46.80	43.13	50.77	52.29	55.45	58.11	W
November	50.59	47.79	56.14	59.46	57.06	W	W
December	49.05	48.91	59.48	61.16	58.35	W	W
2017	43.78	41.82	48.78	51.08	50.31	54.70	54.12
<b>2018</b>							
January	57.20	49.82	56.18	62.44	60.12	66.11	W
February	53.01	46.68	54.95	62.04	57.83	65.11	W
March	53.41	45.84	57.90	61.95	60.18	69.20	W
April	57.32	51.45	65.73	66.67	64.74	71.91	W
May	62.76	55.69	65.41	69.28	70.82	W	W
June	61.21	57.70	63.29	69.09	69.54	75.58	W
July	59.86	58.01	68.71	69.06	67.39	72.74	W
August	60.39	54.39	67.31	69.23	67.01	71.14	W
September	58.92	54.06	72.13	72.46	68.33	W	W
October	59.97	55.45	71.51	67.46	59.12	W	W
November	R47.19	R35.95	R51.98	R53.67	R37.46	66.22	W
December	R42.62	R26.24	R34.40	R47.96	R29.37	W	W
2018	R56.27	R49.56	R62.26	R64.53	R58.86	70.85	W
<b>2019</b>							
January	49.16	41.80	50.76	53.98	45.41	57.38	W

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

**Table 24. Landed costs of imported crude oil by API gravity**

dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	14.42	15.79	18.57	18.42	20.34	21.09	20.85
1998	8.19	9.73	11.81	12.31	13.73	14.40	14.38
1999	13.40	15.30	17.33	17.81	18.18	19.22	18.48
2000	23.49	24.71	27.60	27.91	29.99	30.37	31.10
2001	17.66	18.14	23.29	22.21	24.86	26.59	26.49
2002	20.59	21.33	24.40	24.91	25.73	26.49	25.96
2003	23.87	25.15	27.78	28.78	29.95	30.73	30.90
2004	30.96	31.92	35.99	37.94	39.82	41.25	41.59
2005	42.20	42.24	49.94	52.18	54.95	58.38	56.43
2006	51.84	52.62	59.38	61.88	64.80	68.44	66.78
2007	59.01	60.64	68.95	72.03	73.17	75.68	73.57
2008	85.39	84.76	97.30	96.83	99.90	103.68	99.23
2009	56.38	55.68	61.28	62.43	64.80	64.82	63.90
2010	71.54	71.07	78.35	79.64	81.25	81.09	82.17
2011	96.89	93.32	106.06	108.76	110.93	115.40	113.24
2012	97.49	91.32	105.92	107.23	107.27	112.70	115.67
2013	95.87	88.35	101.63	102.97	104.39	110.66	105.88
2014	85.31	81.44	93.64	95.20	94.50	100.17	100.25
2015	43.20	41.14	49.58	50.16	50.78	54.54	51.70
2016	35.85	34.78	41.73	42.14	44.49	48.15	48.93
2017							
January	46.52	43.27	49.62	51.69	51.39	W	W
February	46.12	44.24	50.49	52.71	52.73	55.13	W
March	44.21	41.81	48.25	51.10	51.65	53.80	53.72
April	44.28	42.59	48.59	50.09	50.76	51.84	W
May	43.89	43.00	46.79	50.28	51.27	53.66	51.87
June	41.20	41.00	46.56	48.38	48.71	48.07	49.17
July	41.85	42.09	47.78	48.09	48.15	49.96	50.85
August	44.66	43.88	50.02	51.01	50.88	53.53	52.58
September	47.52	45.72	52.08	54.60	52.54	56.15	W
October	49.69	46.93	54.88	56.69	55.55	59.03	58.12
November	54.62	51.78	59.98	61.24	58.86	64.22	65.83
December	54.38	51.81	61.38	62.87	61.80	64.66	W
2017	46.51	44.75	51.46	53.12	52.48	55.74	55.70
2018							
January	58.31	52.94	62.54	64.22	61.62	68.53	69.67
February	54.33	49.87	61.17	64.20	65.10	66.15	68.83
March	54.30	48.32	61.15	65.40	62.69	67.41	W
April	59.86	52.58	65.46	69.52	68.10	70.77	W
May	65.28	58.51	70.58	71.21	72.86	75.40	W
June	64.58	60.28	67.84	71.14	69.85	76.54	W
July	62.24	60.25	69.86	72.16	69.74	74.18	76.47
August	61.93	57.72	67.62	71.73	69.54	72.53	W
September	62.05	56.28	69.02	72.70	70.87	75.57	W
October	63.79	54.93	66.37	69.02	63.34	77.21	W
November	R47.22	R36.31	R57.21	R58.92	R45.90	68.42	W
December	R45.80	R25.95	R52.02	R50.51	R37.88	65.68	W
2018	R58.98	R51.33	R64.60	R66.91	R62.82	71.72	R71.47
2019							
January	49.64	40.52	53.53	54.13	49.36	57.81	W

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

**Table 25. Percentages of total imported crude oil by API gravity**  
percent by interval

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	6.05	21.88	13.33	34.43	21.28	1.77	1.27
1998	5.84	20.29	13.99	35.62	20.81	1.88	1.57
1999	4.76	17.78	14.18	36.54	21.46	3.72	1.57
2000	6.21	18.88	13.41	36.90	19.83	3.44	1.35
2001	7.97	20.78	11.60	36.10	19.63	2.71	1.21
2002	8.28	22.29	11.44	35.28	18.29	2.67	1.75
2003	8.29	24.25	9.97	35.60	17.19	2.70	1.99
2004	11.13	23.70	8.18	34.57	17.68	2.10	2.64
2005	11.94	22.83	10.20	31.87	16.92	3.68	2.55
2006	13.04	23.28	11.18	28.22	15.73	5.82	2.74
2007	11.72	23.12	11.18	28.86	16.71	5.57	2.84
2008	13.22	23.50	11.51	30.42	14.64	4.24	2.47
2009	14.08	26.11	7.78	29.74	13.76	5.65	2.88
2010	15.13	26.01	5.35	30.73	14.35	5.57	2.86
2011	17.20	27.47	6.02	30.64	13.42	3.58	1.68
2012	16.66	29.77	8.41	28.31	12.84	3.36	0.65
2013	16.20	33.87	8.74	29.98	9.67	1.28	0.27
2014	18.49	36.73	9.78	26.96	7.19	0.75	0.11
2015	19.51	38.05	8.63	26.17	7.15	0.43	0.06
2016	16.70	38.88	8.43	24.92	8.42	1.43	1.22
2017							
January	16.05	43.19	8.84	23.07	8.10	W	W
February	14.94	42.19	8.04	23.23	7.71	W	W
March	15.78	39.44	8.08	26.54	5.99	1.25	2.92
April	15.21	43.07	7.54	21.93	9.02	W	W
May	17.09	38.96	11.04	20.33	8.31	1.85	2.42
June	18.76	41.44	9.14	19.98	7.01	1.40	2.27
July	17.96	36.93	13.79	19.68	7.08	2.19	2.38
August	19.77	39.42	9.53	18.00	8.56	2.31	2.41
September	19.59	35.45	8.96	23.72	7.29	W	W
October	21.94	39.17	11.64	16.25	7.43	1.85	1.72
November	19.54	39.06	10.21	21.74	6.24	1.26	1.94
December	14.54	41.58	11.58	21.30	5.52	W	W
2017	17.58	39.99	9.88	21.31	7.37	1.93	1.95
2018							
January	13.96	45.67	8.34	21.97	5.41	2.29	2.37
February	14.75	41.07	10.72	22.98	5.71	2.81	1.95
March	14.87	40.44	11.29	24.42	4.69	W	W
April	15.21	42.07	8.02	24.60	5.56	W	W
May	15.55	42.03	11.03	19.69	8.98	W	W
June	19.56	39.42	9.38	21.30	5.31	W	W
July	17.27	39.84	10.16	23.01	5.58	3.37	0.77
August	16.62	39.10	10.62	22.76	7.66	W	W
September	19.27	40.28	9.66	21.96	6.09	W	W
October	20.23	41.43	12.08	17.74	5.37	W	W
November	R16.86	R39.12	R10.57	R20.50	R8.79	W	W
December	R13.16	R44.67	R8.01	R22.37	R7.44	W	W
2018	R16.43	R41.27	R9.97	R21.98	R6.36	R2.48	R1.50
2019							
January	16.65	40.10	10.28	23.14	7.73	W	W

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."



**Table 26. F.O.B.[a] costs of imported crude oil for selected crude streams**

dollars per barrel

Year quarter month	Canadian Lloydminster	Iraqi Basrah Light	Mexican Mayan	Nigerian Qua Iboe	Venezuelan Merey
<b>2005</b>	35.13	-	40.69	-	-
<b>2006</b>	44.55	-	51.29	-	-
<b>2007</b>	48.54	-	59.96	-	-
<b>2008</b>	79.33	-	82.99	-	-
<b>2009</b>	50.11	62.98	55.07	65.60	59.89
<b>2010</b>	64.41	74.36	70.36	82.66	70.26
<b>2011</b>	78.41	104.51	98.27	115.82	98.73
<b>2012</b>	77.01	103.17	99.81	115.85	102.04
<b>2013</b>	75.61	99.28	96.87	W	99.26
<b>2014</b>	75.42	92.96	85.83	W	89.86
<b>2015</b>	W	47.59	43.49	W	43.82
<b>2016</b>	-	36.73	36.39	W	37.72
<b>2017</b>					
January	-	46.71	45.74	W	45.80
February	W	W	45.88	W	45.95
March	-	46.99	42.30	W	W
<b>1st quarter average</b>	W	47.09	44.76	W	44.72
April	-	W	44.54	W	W
May	-	W	44.98	W	W
June	-	W	42.07	W	W
<b>2nd quarter average</b>	-	44.27	43.74	W	44.88
July	-	W	44.33	W	W
August	-	W	46.40	-	W
September	-	W	48.11	W	-
<b>3rd quarter average</b>	-	W	45.93	W	W
October	-	W	49.01	-	W
November	-	W	54.73	-	W
December	-	W	55.32	W	-
<b>4th quarter average</b>	-	55.65	53.28	W	52.71
<b>2017</b>	W	49.10	46.82	W	45.62
<b>2018</b>					
January	-	W	59.05	-	W
February	-	W	56.82	-	-
March	-	59.95	56.98	-	-
<b>1st quarter average</b>	-	60.11	57.49	-	W
April	-	64.98	57.87	-	W
May	-	68.23	63.55	-	-
June	-	W	64.61	-	-
<b>2nd quarter average</b>	-	66.48	62.28	-	W
July	-	W	66.35	-	W
August	-	W	63.27	-	W
September	-	W	68.34	-	W
<b>3rd quarter average</b>	-	68.98	66.00	-	W
October	-	-	74.44	-	W
November	-	W	R64.73	-	-
December	-	W	R52.75	-	-
<b>4th quarter average</b>	-	R58.16	R66.74	-	W
<b>2018</b>	-	R63.19	R63.10	-	W
<b>2019</b>					
January	-	W	54.96	-	-

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary

Notes: - Effective January 2009, selected crude streams were discontinued and new crude streams were added for publication. - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

**Table 27. Landed costs of imported crude oil for selected crude streams**

dollars per barrel

Year quarter month	Algerian Saharan Blend	Brazilian Marlim	Canadian Bow River Heavy	Canadian Light Sour Blend	Canadian Lloydminster
2005	-	-	39.22	-	37.59
2006	-	-	48.38	-	46.96
2007	-	-	52.36	-	50.94
2008	-	-	84.29	-	82.50
2009	65.95	58.94	55.71	59.12	53.44
2010	81.78	76.63	68.92	76.56	68.13
2011	115.82	107.13	82.02	96.52	82.24
2012	114.02	114.32	77.19	87.82	81.33
2013	113.45	108.43	76.88	90.59	79.34
2014	-	93.08	76.90	85.10	81.87
2015	W	47.77	38.90	47.18	38.51
2016	49.82	W	33.43	40.04	W
2017					
January	-	-	41.70	48.94	W
February	W	-	43.43	50.94	W
March	W	W	39.96	47.85	-
1st quarter average	W	W	41.57	48.98	W
April	W	W	40.36	48.77	-
May	53.31	-	42.47	48.62	-
June	W	-	40.38	45.23	-
2nd quarter average	51.76	W	41.10	47.52	-
July	W	W	41.14	45.27	-
August	W	W	42.45	47.44	-
September	W	-	44.26	48.17	W
3rd quarter average	W	W	42.63	47.07	W
October	-	-	44.60	51.49	W
November	W	-	50.88	57.58	W
December	64.88	-	49.51	57.99	-
4th quarter average	65.06	-	47.66	56.11	W
2017	54.96	50.40	43.02	50.08	42.28
2018					
January	70.13	-	45.68	57.22	W
February	W	W	38.64	60.89	W
March	W	W	39.89	59.46	-
1st quarter average	68.55	W	41.88	58.42	W
April	W	-	43.61	63.00	W
May	W	-	53.66	65.07	W
June	W	-	55.69	61.96	-
2nd quarter average	75.40	-	51.89	63.32	W
July	73.97	-	56.25	67.99	-
August	74.53	-	52.40	65.31	-
September	W	-	45.23	62.05	-
3rd quarter average	74.55	-	51.15	64.81	-
October	W	-	44.12	59.11	-
November	W	-	R18.36	45.37	-
December	W	-	10.44	31.68	W
4th quarter average	70.74	-	R26.06	43.19	W
2018	72.51	W	R42.83	57.93	W
2019					
January	-	-	31.55	45.81	-

See footnotes at end of table.

**Table 27. Landed costs of imported crude oil for selected crude streams (cont.)**

dollars per barrel

Year quarter month	Ecuadorian Oriente	Ecuadorian Napo	Iraqi Basrah Light	Mexican Mayan	Nigerian Bonny Light
2005	46.42	-	-	41.54	57.12
2006	56.75	-	-	52.04	69.29
2007	64.57	-	-	60.93	77.90
2008	87.25	-	-	84.29	108.46
2009	56.97	48.74	64.38	56.03	68.30
2010	75.48	72.97	77.96	70.87	84.10
2011	101.74	97.91	106.67	98.81	116.95
2012	105.50	101.53	106.93	100.29	117.70
2013	104.14	100.01	102.70	97.43	W
2014	91.65	93.11	96.95	86.49	W
2015	49.65	41.84	49.50	44.08	59.92
2016	40.68	37.46	39.90	36.79	W
2017					
January	51.02	W	48.34	46.58	-
February	W	W	50.16	46.55	-
March	49.90	46.39	48.28	43.12	-
1st quarter average	50.39	47.12	48.89	45.54	-
April	49.89	49.17	47.51	44.90	-
May	47.80	44.72	46.06	45.60	W
June	45.70	W	45.87	42.50	-
2nd quarter average	47.85	45.00	46.45	44.23	W
July	46.85	W	47.30	45.15	-
August	49.26	47.76	49.83	46.91	-
September	51.57	48.06	51.27	49.67	-
3rd quarter average	49.31	45.95	49.24	46.95	-
October	54.53	54.93	53.10	50.26	-
November	60.82	W	58.61	55.48	-
December	62.10	60.50	60.05	56.04	-
4th quarter average	60.14	58.14	57.23	54.05	-
2017	51.93	49.18	50.73	47.87	W
2018					
January	66.34	W	64.01	59.90	-
February	65.05	W	60.97	57.42	-
March	63.11	60.38	61.65	57.11	-
1st quarter average	65.06	60.72	62.05	58.22	-
April	68.05	63.50	65.78	58.58	-
May	73.52	W	69.98	64.17	-
June	71.04	66.83	69.31	65.46	-
2nd quarter average	70.28	65.56	68.13	63.22	-
July	74.01	68.84	70.02	66.89	-
August	70.12	66.98	68.65	64.21	-
September	W	68.28	72.38	69.88	-
3rd quarter average	72.42	68.12	70.26	66.80	-
October	77.96	69.48	61.55	75.25	-
November	67.51	61.44	R63.76	R65.12	-
December	R56.45	53.47	R57.93	R53.87	-
4th quarter average	R64.19	60.95	R61.40	R66.21	-
2018	R67.94	64.93	R65.50	R63.68	-
2019					
January	57.93	50.41	57.30	55.62	-

See footnotes at end of table.

**Table 27. Landed costs of imported crude oil for selected crude streams (cont.)**

dollars per barrel

Year quarter month	Nigerian Qua Iboe	Saudi Arabian Light	Saudi Arabian Medium	Saudi Arabian Berri	Venezuelan Merey
2005	-	52.92	48.92	-	-
2006	-	60.51	58.10	-	-
2007	-	71.62	70.09	-	-
2008	-	94.38	91.46	-	-
2009	68.26	63.10	61.87	59.72	60.15
2010	84.44	79.65	78.13	81.14	71.59
2011	117.02	109.43	107.12	110.77	100.36
2012	116.48	108.93	106.83	110.03	103.28
2013	112.47	103.44	101.44	107.00	100.69
2014	W	96.83	94.47	96.68	91.73
2015	W	50.00	48.66	52.83	45.77
2016	W	41.25	41.62	45.62	38.97
2017					
January	W	51.78	49.33	51.41	47.49
February	W	52.91	50.81	53.95	47.09
March	W	50.62	49.73	51.23	43.92
1st quarter average	W	51.58	49.90	52.17	46.25
April	W	50.42	49.05	51.78	46.49
May	W	48.91	48.31	51.28	W
June	W	47.76	47.55	50.19	43.21
2nd quarter average	W	49.17	48.28	51.22	45.96
July	W	48.58	47.13	W	W
August	-	W	50.62	W	W
September	W	55.51	54.39	W	W
3rd quarter average	W	52.15	50.96	W	W
October	-	W	58.14	W	W
November	-	62.41	60.95	W	W
December	W	63.85	61.88	66.30	W
4th quarter average	W	62.24	60.12	64.36	53.18
2017	W	53.27	51.60	52.68	47.38
2018					
January	W	65.72	62.32	W	W
February	W	65.47	64.58	66.71	W
March	-	66.73	66.64	W	W
1st quarter average	W	65.98	64.62	67.76	W
April	W	69.16	70.16	69.08	W
May	-	71.59	70.47	W	W
June	-	72.30	71.03	74.50	-
2nd quarter average	W	70.95	70.51	72.38	64.47
July	-	72.63	71.91	74.41	W
August	-	73.60	72.14	73.88	W
September	-	72.45	71.44	75.91	W
3rd quarter average	-	72.83	71.89	74.65	W
October	-	75.50	69.25	77.42	W
November	-	R65.22	66.17	R71.69	W
December	-	R59.32	58.86	R61.60	-
4th quarter average	-	R67.15	65.93	R70.60	64.43
2018	W	R69.38	68.81	R71.77	63.24
2019					
January	-	59.03	W	W	-

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - Effective January 2009, selected crude streams were discontinued and new crude streams were added for publication. - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

# **Prices of Petroleum Products**

**Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state**

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]				
United States												
January 2019	1.766	1.559	1.441	2.158	2.020	1.643	2.401	NA	1.786	1.858	1.589	1.483
December 2018	1.881	1.632	1.469	2.300	2.018	1.681	2.534	NA	1.832	1.977	1.656	1.514
January 2018	2.039	1.886	1.810	2.330	2.078	1.986	2.552	NA	2.136	2.111	1.904	1.849
PAD District 1												
January 2019	1.696	W	1.408	1.954	W	1.565	2.174	W	1.722	1.767	W	1.444
December 2018	1.811	W	1.411	2.076	W	1.561	2.293	W	1.737	1.881	W	1.450
January 2018	1.951	NA	1.797	2.206	W	1.954	2.415	W	2.111	2.017	NA	1.834
Subdistrict 1A												
January 2019	W	W	1.457	W	-	1.632	W	-	1.695	W	W	1.488
December 2018	W	W	1.475	W	-	1.629	W	-	1.721	W	W	1.508
January 2018	W	W	1.810	W	-	1.905	W	-	2.082	W	W	1.846
Connecticut												
January 2019	-	W	1.454	-	-	1.629	-	-	1.723	-	W	1.493
December 2018	-	W	1.467	-	-	1.604	-	-	1.746	-	W	1.509
January 2018	-	W	1.801	-	-	1.914	-	-	2.115	-	W	1.847
Maine												
January 2019	-	-	1.532	-	-	W	-	-	1.832	-	-	1.556
December 2018	-	-	1.554	-	-	W	-	-	1.857	-	-	1.575
January 2018	-	-	1.852	-	-	W	-	-	W	-	-	1.875
Massachusetts												
January 2019	W	-	1.436	W	-	1.502	W	-	1.619	W	-	1.461
December 2018	W	-	1.457	W	-	1.531	W	-	1.650	W	-	1.482
January 2018	W	-	1.815	W	-	1.908	W	-	2.029	W	-	1.844
New Hampshire												
January 2019	W	-	W	W	-	-	W	-	W	W	-	W
December 2018	W	-	W	W	-	-	W	-	W	W	-	W
January 2018	W	-	W	W	-	-	W	-	W	W	-	W
Rhode Island												
January 2019	W	-	1.445	W	-	W	W	-	W	W	-	1.478
December 2018	W	-	1.470	W	-	1.555	W	-	W	W	-	1.502
January 2018	W	-	W	W	-	W	W	-	2.038	W	-	1.825
Vermont												
January 2019	-	-	1.451	-	-	W	-	-	1.759	-	-	W
December 2018	-	-	1.482	-	-	W	-	-	1.775	-	-	W
January 2018	-	-	1.828	-	-	W	-	-	2.098	-	-	W
Subdistrict 1B												
January 2019	1.745	-	1.410	1.985	-	1.526	2.184	-	1.674	1.822	-	1.441
December 2018	1.885	-	1.435	2.122	-	1.533	2.316	-	1.710	1.959	-	1.469
January 2018	1.992	-	1.802	2.223	-	1.905	2.409	-	2.038	2.064	-	1.830
Delaware												
January 2019	W	-	1.424	W	-	1.552	W	-	1.620	W	-	1.443
December 2018	W	-	1.445	W	-	1.571	W	-	1.638	W	-	1.466
January 2018	W	-	1.810	W	-	1.923	W	-	2.004	W	-	1.829
District of Columbia												
January 2019	-	-	-	-	-	-	-	-	-	-	-	-
December 2018	-	-	-	-	-	-	-	-	-	-	-	-
January 2018	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
January 2019	-	-	1.406	-	-	1.478	-	-	1.617	-	-	1.437
December 2018	-	-	1.404	-	-	1.468	-	-	1.620	-	-	1.436
January 2018	-	-	1.795	-	-	1.867	-	-	1.997	-	-	1.823
New Jersey												
January 2019	W	-	1.395	W	-	1.506	W	-	1.623	W	-	1.420
December 2018	W	-	1.422	W	-	1.530	W	-	1.651	W	-	1.450
January 2018	W	-	1.796	W	-	1.921	W	-	2.017	W	-	1.821
New York												
January 2019	1.802	-	1.465	2.033	-	1.700	2.230	-	1.781	1.878	-	1.518
December 2018	1.960	-	1.508	2.193	-	1.747	2.385	-	1.850	2.034	-	1.564
January 2018	2.010	-	1.810	2.225	-	1.987	2.411	-	2.094	2.082	-	1.856
Pennsylvania												
January 2019	W	-	1.384	W	-	1.523	W	-	1.628	W	-	1.403
December 2018	W	-	1.407	W	-	1.544	W	-	1.661	W	-	1.427
January 2018	W	-	1.803	W	-	1.899	W	-	2.014	W	-	1.821

See footnotes at end of table.

**Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)**

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
Subdistrict 1C												
January 2019	W	W	1.399	W	W	1.570	W	W	1.759	W	W	1.440
December 2018	W	W	1.388	W	W	1.563	W	W	1.758	W	W	1.431
January 2018	W	W	1.793	W	W	1.972	W	W	2.166	W	W	1.835
Florida												
January 2019	W	1.425	1.422	W	-	1.599	W	W	1.786	W	1.430	1.469
December 2018	W	1.429	1.414	W	-	1.603	W	W	1.801	W	1.432	1.463
January 2018	W	W	1.825	W	-	2.038	W	W	2.207	W	W	1.873
Georgia												
January 2019	W	W	1.385	W	-	1.541	W	-	1.782	W	W	1.427
December 2018	W	W	1.372	W	-	1.532	W	-	1.770	W	W	1.416
January 2018	W	W	1.768	W	-	1.937	W	-	2.183	W	W	1.814
North Carolina												
January 2019	W	W	1.383	W	-	1.577	W	W	1.747	W	W	1.423
December 2018	W	W	1.370	W	-	1.570	W	W	1.736	W	W	1.410
January 2018	W	-	1.771	W	-	1.973	W	-	2.152	W	-	1.811
South Carolina												
January 2019	W	W	1.383	W	W	1.590	W	W	1.757	W	W	1.417
December 2018	W	W	1.367	W	W	1.574	W	W	1.740	W	W	1.402
January 2018	W	W	1.774	W	W	1.996	W	W	2.154	W	W	1.810
Virginia												
January 2019	-	-	1.405	-	-	1.520	-	-	1.685	-	-	1.440
December 2018	-	-	1.394	-	-	1.509	-	-	1.682	-	-	1.430
January 2018	-	-	1.796	-	-	1.905	-	-	2.076	-	-	1.829
West Virginia												
January 2019	W	-	1.372	W	-	1.567	W	-	1.709	W	-	1.392
December 2018	W	W	1.379	W	-	1.572	W	-	1.803	W	W	1.401
January 2018	W	-	1.782	W	-	1.937	W	-	2.160	W	-	1.802
PAD District 2												
January 2019	W	1.568	1.322	W	W	1.463	W	W	1.621	W	1.573	1.347
December 2018	W	1.547	1.345	W	W	1.488	W	1.736	1.660	W	1.558	1.371
January 2018	W	1.878	1.766	2.228	W	1.910	W	2.147	2.122	W	1.894	1.796
Illinois												
January 2019	W	1.528	1.322	W	-	1.472	W	-	1.662	W	1.528	1.355
December 2018	W	1.651	1.337	W	-	1.490	W	W	1.700	W	1.663	1.373
January 2018	W	1.934	1.772	W	-	1.927	W	-	2.149	W	1.934	1.809
Indiana												
January 2019	W	W	1.285	W	-	1.465	W	-	1.652	W	W	1.309
December 2018	W	W	1.313	W	-	1.518	W	-	1.696	W	W	1.338
January 2018	W	W	1.737	W	-	1.937	W	-	2.152	W	W	1.765
Iowa												
January 2019	-	-	1.348	-	-	1.438	-	-	1.548	-	-	1.367
December 2018	-	W	1.378	-	-	1.467	-	-	1.588	-	W	1.399
January 2018	-	W	1.801	-	-	1.903	-	-	2.114	-	W	1.835
Kansas												
January 2019	W	W	1.321	W	W	1.399	-	-	1.469	W	W	1.334
December 2018	W	W	1.347	W	W	1.437	-	-	1.514	W	W	1.361
January 2018	W	W	1.754	W	W	1.866	-	-	1.933	W	W	1.767
Kentucky												
January 2019	W	W	1.391	W	-	1.553	W	W	1.754	W	W	1.411
December 2018	W	W	1.399	W	-	1.563	W	-	1.773	W	W	1.420
January 2018	W	W	1.799	W	-	1.972	W	W	2.200	W	W	1.821
Michigan												
January 2019	W	W	1.262	W	-	1.542	W	W	1.715	W	W	1.288
December 2018	W	W	1.316	W	-	NA	W	W	1.774	W	W	1.342
January 2018	W	W	1.754	W	-	1.977	W	W	2.257	W	W	1.782
Minnesota												
January 2019	1.561	W	1.337	1.791	W	1.417	W	W	1.491	1.605	W	1.354
December 2018	1.772	W	1.379	2.021	W	1.464	W	W	1.532	1.819	W	1.395
January 2018	W	W	1.807	W	W	1.866	W	W	2.041	W	W	1.829
Missouri												
January 2019	-	W	1.358	-	-	1.451	-	-	1.609	-	W	1.376
December 2018	-	W	1.377	-	-	1.479	-	-	1.630	-	W	1.395
January 2018	-	W	1.788	-	-	1.919	-	-	2.133	-	W	1.811

See footnotes at end of table.

**Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)**

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
PAD District 2 (cont.)												
Nebraska												
January 2019	W	W	1.354	W	-	1.394	-	-	1.557	W	W	1.373
December 2018	W	W	1.381	W	-	1.514	-	-	1.596	W	W	1.403
January 2018	W	W	1.801	W	-	1.934	-	-	2.108	W	W	1.831
North Dakota												
January 2019	W	W	1.330	W	W	1.447	W	W	1.631	W	W	1.360
December 2018	W	W	1.366	W	W	1.501	W	W	1.681	W	W	1.396
January 2018	W	W	1.833	W	W	1.942	W	W	2.161	W	W	1.865
Ohio												
January 2019	W	W	1.299	W	-	1.521	W	W	1.698	W	W	1.326
December 2018	W	W	1.324	W	-	1.556	W	W	1.726	W	W	1.351
January 2018	W	W	1.726	W	-	1.948	W	W	2.215	W	W	1.759
Oklahoma												
January 2019	W	W	1.330	W	-	1.429	W	-	1.485	W	W	1.356
December 2018	W	W	1.350	W	-	1.459	W	-	1.526	W	W	1.373
January 2018	W	W	1.807	W	-	1.972	W	-	2.024	W	W	1.845
South Dakota												
January 2019	W	W	1.352	W	W	1.424	W	W	1.545	W	W	1.370
December 2018	1.857	W	1.369	2.029	W	1.447	W	W	1.629	1.949	W	1.392
January 2018	W	W	1.706	W	W	1.828	W	W	2.059	W	W	1.735
Tennessee												
January 2019	W	W	1.365	W	-	1.499	W	W	1.688	W	W	1.393
December 2018	W	W	1.355	W	-	1.496	W	W	1.683	W	W	1.384
January 2018	W	W	1.764	W	-	1.914	W	W	2.096	W	W	1.794
Wisconsin												
January 2019	W	W	1.319	W	-	1.466	W	W	1.729	W	W	1.350
December 2018	W	W	1.341	W	-	1.477	W	W	1.755	W	W	1.371
January 2018	W	W	1.762	W	-	1.893	W	W	2.130	W	W	1.792
PAD District 3												
January 2019	1.609	1.424	1.378	1.876	W	1.514	2.103	1.943	1.611	1.669	1.505	1.400
December 2018	1.757	1.487	1.377	2.034	W	1.507	2.257	1.921	1.616	1.820	1.561	1.401
January 2018	1.904	W	1.772	2.117	-	1.897	W	NA	2.029	1.957	NA	1.795
Alabama												
January 2019	-	W	1.375	-	-	1.571	-	W	1.777	-	W	1.408
December 2018	-	W	1.359	-	-	1.565	-	W	1.767	-	W	1.394
January 2018	-	W	1.770	-	-	1.988	-	W	2.192	-	W	1.807
Arkansas												
January 2019	-	-	1.355	-	-	1.530	-	-	1.617	-	-	1.376
December 2018	-	-	1.368	-	-	1.549	-	-	1.616	-	-	1.392
January 2018	-	-	1.788	-	-	1.949	-	-	2.101	-	-	1.811
Louisiana												
January 2019	-	W	1.363	-	-	1.503	-	-	1.565	-	W	1.386
December 2018	-	W	1.363	-	-	1.490	-	-	1.556	-	W	1.380
January 2018	-	W	1.787	-	-	1.914	-	-	1.999	-	W	1.810
Mississippi												
January 2019	-	-	1.398	-	-	1.524	-	-	1.763	-	-	1.414
December 2018	-	-	1.392	-	-	1.500	-	-	1.728	-	-	1.416
January 2018	-	-	1.766	-	-	1.928	-	-	2.179	-	-	1.787
New Mexico												
January 2019	1.693	W	1.371	1.940	W	1.490	W	W	1.699	1.760	W	1.412
December 2018	1.850	W	1.446	2.094	-	1.573	W	W	1.767	1.918	W	1.486
January 2018	W	W	1.673	2.096	-	1.797	2.269	W	2.039	1.951	W	1.718
Texas												
January 2019	W	W	1.381	W	W	1.500	W	-	1.592	W	W	1.402
December 2018	W	W	1.378	W	W	1.488	W	W	1.597	W	W	1.401
January 2018	W	W	1.772	W	-	1.875	W	W	2.005	W	W	1.793

See footnotes at end of table.



**Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)**

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
PAD District 4												
January 2019	W	1.546	1.328	W	W	1.560	2.270	W	1.662	W	1.673	1.391
December 2018	W	1.793	1.475	W	W	1.727	2.540	W	1.820	W	1.910	1.540
January 2018	W	1.843	1.735	W	W	1.916	2.500	W	2.066	W	1.893	1.796
Colorado												
January 2019	W	1.633	1.266	1.969	W	1.471	W	W	1.642	1.826	1.726	1.333
December 2018	W	1.852	1.317	2.219	W	1.498	W	W	1.702	2.079	1.968	1.387
January 2018	W	1.941	1.758	2.251	W	1.895	W	W	2.146	2.101	1.966	1.825
Idaho												
January 2019	W	W	1.389	W	W	NA	W	W	1.631	W	W	1.426
December 2018	W	W	1.610	W	W	NA	W	W	1.848	W	W	1.646
January 2018	W	W	1.765	W	-	1.917	W	W	2.008	W	W	1.801
Montana												
January 2019	W	W	1.342	W	W	W	W	W	1.797	W	W	1.419
December 2018	W	W	1.444	W	W	W	W	W	1.899	W	W	1.516
January 2018	W	W	1.810	W	W	W	W	W	2.271	W	W	1.890
Utah												
January 2019	W	W	1.439	W	W	1.697	W	-	1.677	W	W	1.496
December 2018	W	W	1.732	W	W	2.022	W	-	1.966	W	W	1.789
January 2018	W	W	1.693	W	W	1.960	W	-	1.937	W	W	1.751
Wyoming												
January 2019	W	W	1.222	W	-	1.409	W	-	W	W	W	1.276
December 2018	W	W	1.409	W	-	1.544	W	-	W	W	W	1.461
January 2018	W	W	1.605	W	-	1.799	W	-	W	W	W	1.665
PAD District 5												
January 2019	2.389	1.849	1.802	2.600	2.208	2.014	2.744	NA	2.080	2.474	1.866	1.856
December 2018	2.529	2.102	1.888	2.746	NA	2.087	2.871	2.226	2.153	2.614	2.114	1.940
January 2018	2.370	2.055	1.965	2.551	W	2.162	2.696	2.283	2.240	2.448	2.078	2.018
Alaska												
January 2019	W	W	W	W	-	W	W	W	1.971	W	W	W
December 2018	W	W	W	W	-	W	W	W	2.210	W	W	W
January 2018	W	W	W	W	-	W	W	W	2.421	W	W	W
Arizona												
January 2019	W	W	1.637	W	W	NA	W	W	1.854	W	W	1.665
December 2018	W	W	1.714	W	-	NA	W	W	1.954	W	W	1.744
January 2018	W	W	1.798	W	W	1.920	W	W	2.002	W	W	1.824
California												
January 2019	2.464	NA	1.944	2.647	W	2.087	2.777	-	2.170	2.548	NA	1.994
December 2018	2.607	NA	1.999	2.788	W	2.116	2.904	-	2.219	2.688	NA	2.047
January 2018	2.433	NA	2.050	2.593	W	2.209	2.716	-	2.309	2.508	NA	2.106
Hawaii												
January 2019	W	W	W	W	W	W	W	W	W	W	W	W
December 2018	W	W	W	W	W	W	W	W	W	W	W	W
January 2018	W	W	W	W	W	W	W	W	W	W	W	W
Nevada												
January 2019	W	W	1.783	W	-	NA	W	-	2.045	W	W	1.838
December 2018	W	W	1.864	W	-	NA	W	-	2.122	W	W	1.919
January 2018	W	W	1.807	W	-	1.943	W	-	2.025	W	W	1.854
Oregon												
January 2019	2.280	-	1.538	2.513	-	1.734	2.637	-	1.826	2.337	-	1.569
December 2018	2.473	-	1.734	2.689	-	1.922	2.811	-	2.004	2.526	-	1.766
January 2018	2.285	-	1.858	2.458	-	2.023	2.567	-	2.107	2.328	-	1.886
Washington												
January 2019	2.059	W	1.516	2.306	W	1.726	2.485	W	1.828	2.122	W	1.568
December 2018	2.271	W	1.684	2.519	W	1.886	2.694	W	1.991	2.334	W	1.734
January 2018	2.133	W	1.838	2.346	W	2.031	2.478	W	2.132	2.189	W	1.886

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Sales to "other end users" are all end-user sales that were not made through company-operated retail outlets, e.g., sales to agricultural customers or utilities.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state**

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>United States</b>						
January 2019	2.624	2.395	1.827	1.822	W	2.021
December 2018	W	2.463	1.852	1.811	W	1.954
January 2018	W	2.900	2.012	1.969	W	2.209
<b>PAD District 1</b>						
January 2019	W	2.456	1.859	1.881	W	2.105
December 2018	W	2.505	1.862	1.834	W	2.018
January 2018	W	2.923	2.050	2.036	W	2.328
<b>Subdistrict 1A</b>						
January 2019	-	W	1.974	1.936	W	W
December 2018	-	W	1.962	1.895	W	W
January 2018	-	W	2.142	2.029	W	W
<b>Connecticut</b>						
January 2019	-	-	W	W	-	W
December 2018	-	-	W	W	-	W
January 2018	-	-	W	W	-	W
<b>Maine</b>						
January 2019	-	W	W	W	-	-
December 2018	-	W	W	W	-	-
January 2018	-	W	W	W	-	-
<b>Massachusetts</b>						
January 2019	-	-	W	1.927	W	-
December 2018	-	-	W	1.886	W	-
January 2018	-	-	W	2.023	W	-
<b>New Hampshire</b>						
January 2019	-	-	W	W	W	-
December 2018	-	-	W	W	W	-
January 2018	-	-	W	W	W	-
<b>Rhode Island</b>						
January 2019	-	-	W	W	W	-
December 2018	-	-	W	W	W	-
January 2018	-	-	W	W	W	-
<b>Vermont</b>						
January 2019	-	-	W	W	-	-
December 2018	-	-	W	W	-	-
January 2018	-	-	W	W	-	-
<b>Subdistrict 1B</b>						
January 2019	W	2.443	1.887	1.898	W	2.060
December 2018	-	2.579	1.895	1.827	W	1.954
January 2018	W	2.957	2.049	2.034	W	2.309
<b>Delaware</b>						
January 2019	-	-	-	-	W	W
December 2018	-	-	-	-	W	-
January 2018	-	-	-	-	W	-
<b>District of Columbia</b>						
January 2019	-	-	-	-	-	-
December 2018	-	-	-	-	-	-
January 2018	-	-	-	-	-	-
<b>Maryland</b>						
January 2019	-	-	W	1.787	-	W
December 2018	-	-	W	1.822	-	W
January 2018	-	-	W	1.980	-	W
<b>New Jersey</b>						
January 2019	-	W	1.878	1.885	W	W
December 2018	-	W	1.859	1.835	W	W
January 2018	-	W	2.042	2.036	W	2.254
<b>New York</b>						
January 2019	-	W	1.900	1.946	W	2.132
December 2018	-	W	1.935	1.933	W	W
January 2018	-	W	2.062	2.106	W	2.433
<b>Pennsylvania</b>						
January 2019	W	W	W	1.918	W	W
December 2018	-	W	W	1.812	3.206	2.274
January 2018	W	W	W	2.028	W	2.970

See footnotes at end of table.

**Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)**

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>Subdistrict 1C</b>						
January 2019	W	2.455	1.834	1.824	W	2.336
December 2018	W	2.478	1.835	1.836	W	2.327
January 2018	W	2.913	2.044	2.047	W	2.407
<b>Florida</b>						
January 2019	W	2.415	1.852	1.825	W	-
December 2018	-	2.446	1.840	1.834	W	W
January 2018	-	2.864	2.056	2.052	W	W
<b>Georgia</b>						
January 2019	W	W	W	1.828	-	2.107
December 2018	W	W	W	1.843	-	W
January 2018	W	W	W	2.001	-	W
<b>North Carolina</b>						
January 2019	-	W	W	1.822	W	2.393
December 2018	-	W	W	1.851	W	2.312
January 2018	-	W	W	W	W	2.360
<b>South Carolina</b>						
January 2019	-	-	W	1.827	W	2.261
December 2018	-	-	W	1.844	W	W
January 2018	-	-	W	2.016	W	W
<b>Virginia</b>						
January 2019	-	W	1.770	W	-	W
December 2018	-	W	1.819	W	-	W
January 2018	-	W	1.993	2.017	-	W
<b>West Virginia</b>						
January 2019	-	-	W	W	W	-
December 2018	-	-	W	W	W	-
January 2018	-	-	W	W	W	-
<b>PAD District 2</b>						
January 2019	W	2.353	1.804	1.826	W	2.372
December 2018	W	2.449	1.816	1.775	W	2.284
January 2018	W	2.882	2.018	2.012	W	2.620
<b>Illinois</b>						
January 2019	W	W	NA	W	W	W
December 2018	W	W	1.815	W	W	W
January 2018	W	W	2.066	W	W	W
<b>Indiana</b>						
January 2019	-	-	1.736	1.773	W	2.617
December 2018	-	-	1.772	1.737	W	2.635
January 2018	-	-	1.971	2.014	W	2.917
<b>Iowa</b>						
January 2019	-	-	W	1.865	-	W
December 2018	-	-	W	1.835	-	-
January 2018	-	-	2.119	2.075	-	W
<b>Kansas</b>						
January 2019	W	W	W	W	-	W
December 2018	W	W	W	W	-	W
January 2018	W	W	W	W	-	W
<b>Kentucky</b>						
January 2019	-	W	1.809	W	W	W
December 2018	-	W	1.816	W	W	W
January 2018	-	W	1.993	1.984	W	W
<b>Michigan</b>						
January 2019	-	-	W	1.782	W	W
December 2018	W	-	W	1.760	W	W
January 2018	-	-	2.063	1.972	W	W
<b>Minnesota</b>						
January 2019	-	W	W	1.849	W	W
December 2018	-	W	W	1.758	W	W
January 2018	W	W	W	W	W	W
<b>Missouri</b>						
January 2019	W	-	W	W	-	W
December 2018	W	-	W	W	-	-
January 2018	W	-	W	W	-	W

See footnotes at end of table.

**Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)**

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 2 (cont.)</b>						
<b>Nebraska</b>						
January 2019	W	-	W	W	-	-
December 2018	W	-	W	W	-	-
January 2018	W	-	W	W	-	-
<b>North Dakota</b>						
January 2019	-	-	W	W	W	NA
December 2018	-	-	W	W	NA	W
January 2018	-	-	W	W	-	W
<b>Ohio</b>						
January 2019	-	W	1.841	1.790	W	W
December 2018	W	W	1.867	1.762	W	W
January 2018	-	W	2.024	1.977	W	W
<b>Oklahoma</b>						
January 2019	-	-	W	1.822	-	W
December 2018	W	-	W	1.823	-	W
January 2018	W	-	W	NA	-	W
<b>South Dakota</b>						
January 2019	-	-	W	-	-	-
December 2018	-	-	W	-	-	-
January 2018	-	-	W	-	-	-
<b>Tennessee</b>						
January 2019	-	W	W	1.795	W	2.248
December 2018	W	W	W	1.829	W	W
January 2018	W	W	W	2.010	W	W
<b>Wisconsin</b>						
January 2019	-	-	1.750	1.828	W	W
December 2018	-	-	1.812	1.814	W	W
January 2018	-	-	W	W	W	W
<b>PAD District 3</b>						
January 2019	W	2.260	1.797	1.774	-	1.826
December 2018	W	2.284	1.807	1.775	-	1.836
January 2018	W	2.723	1.984	1.909	-	1.963
<b>Alabama</b>						
January 2019	-	W	1.839	1.808	-	W
December 2018	-	W	1.835	1.704	-	W
January 2018	-	-	2.008	2.013	-	W
<b>Arkansas</b>						
January 2019	-	-	W	1.895	-	W
December 2018	-	-	W	1.909	-	-
January 2018	W	-	W	2.104	-	W
<b>Louisiana</b>						
January 2019	-	2.290	1.781	1.749	-	W
December 2018	W	2.384	1.791	1.765	-	W
January 2018	-	-	1.965	1.916	-	W
<b>Mississippi</b>						
January 2019	-	2.335	1.772	1.764	-	-
December 2018	-	W	W	1.787	-	W
January 2018	-	W	W	1.888	-	W
<b>New Mexico</b>						
January 2019	W	-	W	W	-	-
December 2018	W	-	W	W	-	-
January 2018	W	-	W	W	-	-
<b>Texas</b>						
January 2019	W	W	1.809	1.786	-	W
December 2018	W	W	1.819	1.778	-	2.109
January 2018	W	W	1.986	1.906	-	W

See footnotes at end of table.

**Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)**

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 4</b>						
January 2019	W	W	1.914	1.891	W	-
December 2018	W	W	1.924	1.892	W	-
January 2018	W	W	2.064	2.041	W	-
<b>Colorado</b>						
January 2019	W	-	1.841	1.827	-	-
December 2018	W	-	1.899	1.844	-	-
January 2018	W	-	2.017	NA	-	-
<b>Idaho</b>						
January 2019	-	-	W	1.999	W	-
December 2018	-	-	W	2.083	W	-
January 2018	-	-	W	W	W	-
<b>Montana</b>						
January 2019	-	W	W	W	-	-
December 2018	W	W	W	W	-	-
January 2018	-	W	W	W	-	-
<b>Utah</b>						
January 2019	W	W	1.960	2.053	-	-
December 2018	W	W	1.921	2.002	-	-
January 2018	W	W	2.051	2.051	-	-
<b>Wyoming</b>						
January 2019	-	-	W	W	-	-
December 2018	-	-	W	W	-	-
January 2018	-	-	W	W	-	-
<b>PAD District 5</b>						
January 2019	W	2.616	1.831	1.852	-	W
December 2018	W	2.691	1.879	1.871	-	W
January 2018	W	3.171	2.006	2.003	NA	W
<b>Alaska</b>						
January 2019	W	W	W	W	-	-
December 2018	W	-	W	W	-	-
January 2018	W	W	W	W	-	-
<b>Arizona</b>						
January 2019	W	W	W	W	-	-
December 2018	W	W	W	1.860	-	-
January 2018	W	W	2.077	2.039	-	-
<b>California</b>						
January 2019	W	2.690	1.824	1.840	-	W
December 2018	W	2.682	1.866	1.869	-	W
January 2018	-	3.178	1.993	1.996	-	W
<b>Hawaii</b>						
January 2019	-	-	W	W	-	-
December 2018	-	W	W	W	-	-
January 2018	-	W	W	W	-	-
<b>Nevada</b>						
January 2019	-	-	W	W	-	-
December 2018	-	-	W	W	-	-
January 2018	-	-	W	W	-	-
<b>Oregon</b>						
January 2019	-	2.787	1.855	NA	-	-
December 2018	-	2.796	1.927	1.949	-	-
January 2018	-	3.214	W	2.036	-	-
<b>Washington</b>						
January 2019	-	W	1.830	1.835	-	-
December 2018	-	W	1.875	1.808	-	-
January 2018	-	W	1.997	2.017	NA	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 33. Refiner prices of distillate fuels by PAD District and state**

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>United States</b>						
January 2019	2.323	2.127	1.962	1.791	-	W
December 2018	2.397	2.175	1.983	1.794	-	W
January 2018	2.506	2.430	2.145	2.036	-	W
<b>PAD District 1</b>						
January 2019	-	W	2.095	1.845	-	-
December 2018	-	2.050	2.143	1.825	-	-
January 2018	-	2.461	2.227	2.072	-	-
<b>Subdistrict 1A</b>						
January 2019	-	-	W	1.879	-	-
December 2018	-	-	W	1.846	-	-
January 2018	-	-	W	2.116	-	-
<b>Connecticut</b>						
January 2019	-	-	W	1.868	-	-
December 2018	-	-	W	1.827	-	-
January 2018	-	-	W	2.095	-	-
<b>Maine</b>						
January 2019	-	-	-	1.879	-	-
December 2018	-	-	-	W	-	-
January 2018	-	-	-	W	-	-
<b>Massachusetts</b>						
January 2019	-	-	W	1.885	-	-
December 2018	-	-	W	1.861	-	-
January 2018	-	-	W	2.081	-	-
<b>New Hampshire</b>						
January 2019	-	-	W	W	-	-
December 2018	-	-	W	W	-	-
January 2018	-	-	W	W	-	-
<b>Rhode Island</b>						
January 2019	-	-	W	1.858	-	-
December 2018	-	-	W	1.849	-	-
January 2018	-	-	W	2.109	-	-
<b>Vermont</b>						
January 2019	-	-	-	W	-	-
December 2018	-	-	-	W	-	-
January 2018	-	-	W	W	-	-
<b>Subdistrict 1B</b>						
January 2019	-	W	W	1.836	-	-
December 2018	-	2.034	W	1.839	-	-
January 2018	-	2.441	2.238	2.064	-	-
<b>Delaware</b>						
January 2019	-	-	W	W	-	-
December 2018	-	-	W	W	-	-
January 2018	-	-	W	2.086	-	-
<b>District of Columbia</b>						
January 2019	-	-	-	W	-	-
December 2018	-	-	-	W	-	-
January 2018	-	-	-	W	-	-
<b>Maryland</b>						
January 2019	-	-	W	1.844	-	-
December 2018	-	-	W	1.819	-	-
January 2018	-	-	W	2.071	-	-
<b>New Jersey</b>						
January 2019	-	-	2.112	1.844	-	-
December 2018	-	W	2.159	1.840	-	-
January 2018	-	-	2.195	2.053	-	-
<b>New York</b>						
January 2019	-	W	2.328	1.875	-	-
December 2018	-	W	2.403	1.854	-	-
January 2018	-	W	2.432	2.102	-	-
<b>Pennsylvania</b>						
January 2019	-	W	2.046	1.790	-	-
December 2018	-	W	2.154	1.828	-	-
January 2018	-	NA	2.222	2.071	-	-

See footnotes at end of table.

**Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)**

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>Subdistrict 1C</b>						
January 2019	-	W	2.042	1.849	-	-
December 2018	-	W	2.067	1.794	-	-
January 2018	-	W	W	2.077	-	-
<b>Florida</b>						
January 2019	-	-	2.053	1.876	-	-
December 2018	-	-	2.068	1.809	-	-
January 2018	-	-	2.225	2.094	-	-
<b>Georgia</b>						
January 2019	-	W	1.861	1.839	-	-
December 2018	-	W	1.804	1.777	-	-
January 2018	-	W	2.068	2.054	-	-
<b>North Carolina</b>						
January 2019	-	-	2.082	1.848	-	-
December 2018	-	-	2.148	1.792	-	-
January 2018	-	-	2.220	2.063	-	-
<b>South Carolina</b>						
January 2019	-	-	2.209	1.837	-	-
December 2018	-	-	2.295	1.785	-	-
January 2018	-	-	W	2.079	-	-
<b>Virginia</b>						
January 2019	-	-	W	1.844	-	-
December 2018	-	-	W	1.800	-	-
January 2018	-	-	2.069	2.074	-	-
<b>West Virginia</b>						
January 2019	-	-	W	1.738	-	-
December 2018	-	-	W	1.760	-	-
January 2018	-	-	W	2.119	-	-
<b>PAD District 2</b>						
January 2019	2.372	2.147	1.896	1.720	-	-
December 2018	2.586	2.201	1.932	1.737	-	-
January 2018	2.496	2.458	2.155	2.072	-	W
<b>Illinois</b>						
January 2019	W	2.299	2.017	1.619	-	-
December 2018	W	2.203	2.212	1.660	-	-
January 2018	-	2.659	W	2.064	-	-
<b>Indiana</b>						
January 2019	-	W	W	1.652	-	-
December 2018	-	W	W	1.709	-	-
January 2018	-	W	W	2.074	-	-
<b>Iowa</b>						
January 2019	W	2.085	1.890	1.798	-	-
December 2018	-	2.196	1.852	1.804	-	-
January 2018	W	2.421	2.113	2.083	-	-
<b>Kansas</b>						
January 2019	-	2.097	1.751	1.795	-	-
December 2018	W	2.150	W	1.769	-	-
January 2018	W	2.362	W	2.052	-	-
<b>Kentucky</b>						
January 2019	W	W	1.868	1.769	-	-
December 2018	W	W	1.889	1.781	-	-
January 2018	-	W	W	2.093	-	W
<b>Michigan</b>						
January 2019	W	2.647	2.021	1.625	-	-
December 2018	W	2.578	2.192	1.698	-	-
January 2018	W	W	W	2.096	-	-
<b>Minnesota</b>						
January 2019	2.263	2.123	1.933	1.787	-	-
December 2018	2.529	2.238	1.958	1.833	-	-
January 2018	2.650	2.386	2.136	2.089	-	-
<b>Missouri</b>						
January 2019	W	2.130	NA	1.787	-	-
December 2018	W	2.192	W	1.774	-	-
January 2018	-	2.419	W	2.068	-	-

See footnotes at end of table.

**Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)**

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 2 (cont.)</b>						
<b>Nebraska</b>						
January 2019	W	2.115	W	1.823	-	-
December 2018	W	2.204	W	1.804	-	-
January 2018	W	2.433	W	2.085	-	-
<b>North Dakota</b>						
January 2019	W	2.015	W	1.794	-	-
December 2018	W	2.092	W	1.839	-	-
January 2018	W	2.403	W	2.074	-	-
<b>Ohio</b>						
January 2019	-	W	1.949	1.652	-	-
December 2018	-	W	2.046	1.693	-	-
January 2018	-	W	W	2.098	-	-
<b>Oklahoma</b>						
January 2019	-	2.042	W	1.778	-	-
December 2018	-	W	W	1.744	-	-
January 2018	-	2.212	2.044	2.023	-	-
<b>South Dakota</b>						
January 2019	W	2.117	W	1.832	-	-
December 2018	W	2.211	W	1.858	-	-
January 2018	W	2.456	W	2.110	-	-
<b>Tennessee</b>						
January 2019	-	W	1.983	1.819	-	-
December 2018	-	-	1.903	1.777	-	-
January 2018	-	W	2.170	2.068	-	-
<b>Wisconsin</b>						
January 2019	W	2.061	1.915	1.686	-	-
December 2018	W	2.160	2.089	1.741	-	-
January 2018	W	2.427	2.362	2.116	-	-
<b>PAD District 3</b>						
January 2019	-	-	1.859	1.777	-	W
December 2018	-	-	1.832	1.783	-	W
January 2018	-	W	2.075	1.972	-	W
<b>Alabama</b>						
January 2019	-	-	1.863	1.819	-	-
December 2018	-	-	1.806	1.756	-	-
January 2018	-	-	2.082	2.052	-	-
<b>Arkansas</b>						
January 2019	-	-	W	1.809	-	-
December 2018	-	-	W	1.754	-	-
January 2018	-	-	W	2.053	-	-
<b>Louisiana</b>						
January 2019	-	-	1.957	1.744	-	-
December 2018	-	-	1.913	1.787	-	-
January 2018	-	W	2.097	1.929	-	-
<b>Mississippi</b>						
January 2019	-	-	W	1.755	-	-
December 2018	-	-	W	1.742	-	-
January 2018	-	-	W	1.986	-	-
<b>New Mexico</b>						
January 2019	-	-	2.039	1.892	-	-
December 2018	-	-	2.057	1.931	-	-
January 2018	-	W	2.129	2.117	-	-
<b>Texas</b>						
January 2019	-	-	1.824	1.784	-	W
December 2018	-	-	1.792	1.782	-	W
January 2018	-	-	2.063	1.977	-	W

See footnotes at end of table.



**Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)**

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 4</b>						
January 2019	2.254	2.097	1.870	1.768	-	-
December 2018	2.596	2.189	1.934	1.850	-	-
January 2018	2.597	2.345	2.076	2.015	-	-
<b>Colorado</b>						
January 2019	-	2.115	1.905	1.814	-	-
December 2018	-	2.176	1.981	1.891	-	-
January 2018	-	2.323	2.090	2.033	-	-
<b>Idaho</b>						
January 2019	W	2.254	1.897	1.723	-	-
December 2018	W	2.326	1.911	1.748	-	-
January 2018	W	2.431	2.244	1.990	-	-
<b>Montana</b>						
January 2019	W	1.987	1.969	1.720	-	-
December 2018	W	2.098	W	1.860	-	-
January 2018	W	2.319	W	2.076	-	-
<b>Utah</b>						
January 2019	W	2.240	1.843	1.760	-	-
December 2018	W	2.357	1.998	1.845	-	-
January 2018	W	2.447	1.979	1.970	-	-
<b>Wyoming</b>						
January 2019	W	2.090	1.828	1.775	-	-
December 2018	W	2.204	1.831	1.864	-	-
January 2018	W	2.354	2.074	2.033	-	-
<b>PAD District 5</b>						
January 2019	W	2.022	2.169	1.886	-	-
December 2018	W	2.049	2.168	1.867	-	-
January 2018	W	2.302	2.180	2.087	-	-
<b>Alaska</b>						
January 2019	W	W	W	W	-	-
December 2018	W	W	W	W	-	-
January 2018	W	W	W	W	-	-
<b>Arizona</b>						
January 2019	-	-	2.047	1.787	-	-
December 2018	-	-	2.090	1.992	-	-
January 2018	-	-	2.124	2.041	-	-
<b>California</b>						
January 2019	-	-	2.222	1.951	-	-
December 2018	-	-	2.202	1.915	-	-
January 2018	-	-	2.205	2.115	-	-
<b>Hawaii</b>						
January 2019	-	-	W	W	-	-
December 2018	-	-	W	W	-	-
January 2018	-	-	W	W	-	-
<b>Nevada</b>						
January 2019	-	-	1.964	1.818	-	-
December 2018	-	-	W	1.872	-	-
January 2018	W	-	W	2.055	-	-
<b>Oregon</b>						
January 2019	-	W	NA	1.811	-	-
December 2018	-	W	2.467	1.788	-	-
January 2018	-	NA	2.293	2.095	-	-
<b>Washington</b>						
January 2019	W	2.038	1.893	1.743	-	-
December 2018	W	2.112	1.875	1.718	-	-
January 2018	W	W	2.125	2.010	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales of No. 2 fuel oil and diesel fuels.

[b] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report."

# **Volume of Petroleum Products**

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state**

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>United States</b>										
January 2019	18,960.2	19,234.9	15,642.3	218,183.6	17,858.4	1,558.5	1,568.1	184.3	1,518.8	-
December 2018	19,774.7	20,044.4	16,550.9	227,184.9	13,483.3	1,627.8	1,637.5	203.4	1,599.6	-
January 2018	18,484.5	18,729.3	15,931.1	215,932.3	16,446.2	1,527.2	1,539.6	237.1	1,742.1	-
<b>PAD District 1</b>										
January 2019	6,177.1	6,255.5	W	W	4,558.6	550.3	553.3	W	W	-
December 2018	6,394.0	6,472.4	W	W	3,418.3	558.3	560.5	W	W	-
January 2018	5,950.5	5,988.6	W	W	3,617.5	521.9	524.7	W	W	-
<b>Subdistrict 1A</b>										
January 2019	W	W	W	W	W	W	W	-	31.6	-
December 2018	W	W	W	W	W	W	W	-	27.7	-
January 2018	W	W	W	W	W	W	W	-	29.1	-
<b>Connecticut</b>										
January 2019	-	W	-	W	W	-	-	-	8.6	-
December 2018	-	W	W	2,302.5	W	-	-	-	8.9	-
January 2018	-	W	-	W	W	-	-	-	12.5	-
<b>Maine</b>										
January 2019	-	-	-	W	-	-	-	-	W	-
December 2018	-	-	-	W	-	-	-	-	W	-
January 2018	-	-	W	W	-	-	-	-	W	-
<b>Massachusetts</b>										
January 2019	W	W	-	1,279.7	-	W	W	-	7.4	-
December 2018	W	W	W	W	-	W	W	-	5.8	-
January 2018	W	W	-	981.3	-	W	W	-	4.2	-
<b>New Hampshire</b>										
January 2019	W	W	W	W	-	W	W	-	-	-
December 2018	W	W	W	W	-	W	W	-	-	-
January 2018	W	W	W	W	-	W	W	-	-	-
<b>Rhode Island</b>										
January 2019	W	W	-	862.1	-	W	W	-	W	-
December 2018	W	W	-	913.2	-	W	W	-	W	-
January 2018	W	W	-	W	-	W	W	-	W	-
<b>Vermont</b>										
January 2019	-	-	W	W	-	-	-	-	W	-
December 2018	-	-	W	W	-	-	-	-	W	-
January 2018	-	-	W	W	-	-	-	-	W	-
<b>Subdistrict 1B</b>										
January 2019	3,327.1	3,327.1	W	20,419.9	W	344.1	344.1	W	W	-
December 2018	3,424.1	3,424.1	W	21,209.2	W	345.6	345.6	W	W	-
January 2018	3,020.5	3,020.5	W	20,452.5	W	316.8	316.8	W	W	-
<b>Delaware</b>										
January 2019	W	W	-	955.9	-	W	W	-	6.4	-
December 2018	W	W	-	955.3	-	W	W	-	6.4	-
January 2018	W	W	-	906.1	-	W	W	-	7.6	-
<b>District of Columbia</b>										
January 2019	-	-	-	-	-	-	-	-	-	-
December 2018	-	-	-	-	-	-	-	-	-	-
January 2018	-	-	-	-	-	-	-	-	-	-
<b>Maryland</b>										
January 2019	-	-	-	3,482.0	-	-	-	-	37.6	-
December 2018	-	-	-	3,666.2	-	-	-	-	43.1	-
January 2018	-	-	-	3,805.0	-	-	-	-	45.2	-
<b>New Jersey</b>										
January 2019	W	W	W	6,760.9	W	W	W	W	W	-
December 2018	W	W	W	6,734.1	W	W	W	W	W	-
January 2018	W	W	W	6,105.1	W	W	W	W	W	-
<b>New York</b>										
January 2019	2,101.5	2,101.5	W	W	W	223.0	223.0	W	W	-
December 2018	2,150.2	2,150.2	W	W	W	220.5	220.5	W	W	-
January 2018	1,844.8	1,844.8	W	W	W	203.6	203.6	W	W	-
<b>Pennsylvania</b>										
January 2019	W	W	-	W	W	W	W	-	15.3	-
December 2018	W	W	-	W	W	W	W	-	17.7	-
January 2018	W	W	-	W	W	W	W	-	22.0	-

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>United States</b>										
January 2019	2,363.6	2,391.3	4,445.0	26,981.4	2,427.1	22,882.4	23,194.3	20,271.6	246,683.7	20,285.4
December 2018	2,472.6	2,500.4	4,736.2	28,223.3	1,918.6	23,875.2	24,182.4	21,490.5	257,007.7	15,401.9
January 2018	2,253.1	2,274.9	4,491.8	26,320.8	2,001.5	22,264.8	22,543.8	20,660.1	243,995.2	18,447.8
<b>PAD District 1</b>										
January 2019	820.1	833.2	W	8,560.5	W	7,547.5	7,642.0	W	74,350.9	W
December 2018	829.9	843.9	W	8,849.8	W	7,782.3	7,876.7	W	76,578.0	W
January 2018	746.0	751.8	W	8,242.3	W	7,218.5	7,265.1	W	72,331.4	W
<b>Subdistrict 1A</b>										
January 2019	W	W	W	766.9	W	W	W	W	W	W
December 2018	W	W	W	W	W	W	W	W	6,044.9	W
January 2018	W	W	W	657.6	W	W	W	W	W	W
<b>Connecticut</b>										
January 2019	-	-	-	W	W	-	W	-	W	W
December 2018	-	-	W	387.1	W	-	W	W	2,698.5	W
January 2018	-	-	-	W	W	-	W	-	W	W
<b>Maine</b>										
January 2019	-	-	-	W	-	-	-	-	658.6	-
December 2018	-	-	W	W	-	-	-	W	W	-
January 2018	-	-	W	46.8	-	-	-	W	W	-
<b>Massachusetts</b>										
January 2019	W	W	-	198.5	-	W	W	-	1,485.6	-
December 2018	W	W	W	W	-	W	W	W	W	-
January 2018	W	W	-	154.2	-	W	W	-	1,139.7	-
<b>New Hampshire</b>										
January 2019	W	W	W	W	-	W	W	W	W	-
December 2018	W	W	W	W	-	W	W	W	W	-
January 2018	W	W	W	W	-	W	W	W	W	-
<b>Rhode Island</b>										
January 2019	W	W	-	W	-	W	W	-	1,005.3	-
December 2018	W	W	-	W	-	W	W	-	1,064.9	-
January 2018	W	W	-	W	-	W	W	-	1,022.8	-
<b>Vermont</b>										
January 2019	-	-	W	W	-	-	-	W	W	-
December 2018	-	-	W	W	-	-	-	W	W	-
January 2018	-	-	W	W	-	-	-	W	82.1	-
<b>Subdistrict 1B</b>										
January 2019	545.9	545.9	W	W	W	4,217.0	4,217.0	W	23,318.4	W
December 2018	550.6	550.6	W	W	277.8	4,320.3	4,320.3	W	24,248.4	W
January 2018	483.3	483.3	W	W	W	3,820.6	3,820.6	W	23,330.9	W
<b>Delaware</b>										
January 2019	W	W	-	98.1	-	W	W	-	1,060.4	-
December 2018	W	W	-	107.8	-	W	W	-	1,069.5	-
January 2018	W	W	-	90.8	-	W	W	-	1,004.5	-
<b>District of Columbia</b>										
January 2019	-	-	-	-	-	-	-	-	-	-
December 2018	-	-	-	-	-	-	-	-	-	-
January 2018	-	-	-	-	-	-	-	-	-	-
<b>Maryland</b>										
January 2019	-	-	-	576.9	-	-	-	-	4,096.6	-
December 2018	-	-	-	613.0	-	-	-	-	4,322.3	-
January 2018	-	-	-	613.3	-	-	-	-	4,463.5	-
<b>New Jersey</b>										
January 2019	W	W	W	946.9	W	W	W	W	W	1,681.4
December 2018	W	W	W	987.4	W	W	W	W	W	1,158.1
January 2018	W	W	W	W	-	W	W	W	6,993.5	W
<b>New York</b>										
January 2019	357.3	357.3	W	W	W	2,681.8	2,681.8	W	5,356.9	W
December 2018	354.8	354.8	W	W	W	2,725.6	2,725.6	W	5,451.5	W
January 2018	312.9	312.9	W	775.7	W	2,361.4	2,361.4	W	W	W
<b>Pennsylvania</b>										
January 2019	W	W	-	W	W	W	W	-	W	W
December 2018	W	W	-	W	W	W	W	-	W	W
January 2018	W	W	-	W	W	W	W	-	W	W

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>Subdistrict 1C</b>										
January 2019	W	W	-	W	W	W	W	-	365.9	-
December 2018	W	W	-	W	W	W	W	-	389.0	-
January 2018	W	W	-	W	W	W	W	-	398.3	-
<b>Florida</b>										
January 2019	W	W	-	13,270.2	-	W	W	-	119.7	-
December 2018	W	W	-	13,389.4	-	W	W	-	117.2	-
January 2018	W	W	-	13,030.2	-	W	W	-	104.3	-
<b>Georgia</b>										
January 2019	W	W	-	7,951.2	-	W	W	-	46.4	-
December 2018	W	W	-	8,109.1	-	W	W	-	49.0	-
January 2018	W	W	-	7,296.2	-	W	W	-	52.6	-
<b>North Carolina</b>										
January 2019	W	W	-	8,115.5	-	W	W	-	98.5	-
December 2018	W	W	-	W	W	W	W	-	107.8	-
January 2018	W	W	-	7,863.0	-	W	W	-	113.2	-
<b>South Carolina</b>										
January 2019	W	W	-	3,965.2	-	W	W	-	28.4	-
December 2018	W	W	-	4,069.4	-	W	W	-	31.0	-
January 2018	W	W	-	3,912.6	-	W	W	-	34.8	-
<b>Virginia</b>										
January 2019	-	-	-	W	W	-	-	-	67.5	-
December 2018	-	-	-	W	W	-	-	-	76.9	-
January 2018	-	-	-	W	W	-	-	-	86.6	-
<b>West Virginia</b>										
January 2019	W	W	-	W	W	W	W	-	5.3	-
December 2018	W	W	-	W	W	W	W	-	7.0	-
January 2018	W	W	-	W	W	W	W	-	6.7	-
<b>PAD District 2</b>										
January 2019	W	W	-	70,468.0	1,185.8	W	W	-	440.8	-
December 2018	W	W	-	74,805.3	1,491.5	W	W	-	485.1	-
January 2018	W	W	W	70,751.7	W	299.2	302.3	W	W	-
<b>Illinois</b>										
January 2019	W	W	-	W	W	W	W	-	60.6	-
December 2018	W	W	-	W	W	W	W	-	66.9	-
January 2018	W	W	-	W	W	W	W	-	77.8	-
<b>Indiana</b>										
January 2019	W	W	-	W	W	W	W	-	17.5	-
December 2018	W	W	-	W	W	W	W	-	18.6	-
January 2018	W	W	-	W	W	W	W	-	26.6	-
<b>Iowa</b>										
January 2019	-	-	-	2,287.1	-	-	-	-	45.7	-
December 2018	-	W	-	2,532.5	-	-	-	-	53.5	-
January 2018	-	W	-	2,341.9	-	-	-	-	56.2	-
<b>Kansas</b>										
January 2019	W	W	-	W	W	W	W	-	16.3	-
December 2018	W	W	-	W	W	W	W	-	17.4	-
January 2018	W	W	-	W	W	W	W	-	19.8	-
<b>Kentucky</b>										
January 2019	W	W	-	W	W	W	W	-	9.9	-
December 2018	W	W	-	W	W	W	W	-	10.9	-
January 2018	W	W	-	W	W	W	W	-	12.6	-
<b>Michigan</b>										
January 2019	W	W	-	8,983.9	-	W	W	-	12.4	-
December 2018	W	W	-	9,572.2	-	W	W	-	31.9	-
January 2018	W	W	-	9,076.6	-	W	W	-	10.6	-
<b>Minnesota</b>										
January 2019	742.4	744.6	-	4,552.9	-	W	W	-	66.0	-
December 2018	704.0	705.8	-	4,763.3	-	W	W	-	70.2	-
January 2018	W	W	W	W	-	W	W	W	W	-
<b>Missouri</b>										
January 2019	-	W	-	W	W	-	-	-	13.1	-
December 2018	-	W	-	W	W	-	-	-	14.3	-
January 2018	-	W	-	W	W	-	-	-	18.4	-

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>Subdistrict 1C</b>										
January 2019	W	W	-	W	W	W	W	-	W	W
December 2018	W	W	-	W	W	W	W	-	46,284.7	275.7
January 2018	W	W	-	W	W	W	W	-	W	W
<b>Florida</b>										
January 2019	W	W	-	1,889.1	-	W	W	-	15,279.0	-
December 2018	W	W	-	1,889.7	-	W	W	-	15,396.2	-
January 2018	W	W	-	1,837.2	-	W	W	-	14,971.8	-
<b>Georgia</b>										
January 2019	W	W	-	934.7	-	W	W	-	8,932.3	-
December 2018	W	W	-	991.8	-	W	W	-	9,149.9	-
January 2018	W	W	-	890.5	-	W	W	-	8,239.3	-
<b>North Carolina</b>										
January 2019	W	W	-	944.4	-	W	W	-	9,158.4	-
December 2018	W	W	-	956.7	-	W	W	-	W	W
January 2018	W	W	-	875.2	-	W	W	-	8,851.4	-
<b>South Carolina</b>										
January 2019	W	W	-	379.2	-	W	W	-	4,372.8	-
December 2018	W	W	-	394.9	-	W	W	-	4,495.3	-
January 2018	W	W	-	382.8	-	W	W	-	4,330.1	-
<b>Virginia</b>										
January 2019	-	-	-	814.4	-	-	-	-	W	W
December 2018	-	-	-	877.0	-	-	-	-	W	W
January 2018	-	-	-	804.4	-	-	-	-	W	W
<b>West Virginia</b>										
January 2019	W	W	-	W	W	W	W	-	W	W
December 2018	W	W	-	W	W	W	W	-	W	W
January 2018	W	W	-	W	W	W	W	-	W	W
<b>PAD District 2</b>										
January 2019	W	W	-	5,753.0	753.1	W	W	-	76,661.8	1,938.9
December 2018	W	W	-	6,166.8	539.0	W	W	-	81,457.1	2,030.5
January 2018	W	W	W	W	642.3	W	W	W	77,039.7	W
<b>Illinois</b>										
January 2019	W	W	-	W	W	W	W	-	11,114.5	NA
December 2018	W	W	-	W	W	W	W	-	11,832.3	NA
January 2018	W	W	-	W	W	W	W	-	W	W
<b>Indiana</b>										
January 2019	W	W	-	W	W	W	W	-	W	W
December 2018	W	W	-	382.2	-	W	W	-	W	W
January 2018	W	W	-	W	W	W	W	-	W	W
<b>Iowa</b>										
January 2019	-	-	-	217.3	-	-	-	-	2,550.1	-
December 2018	-	-	-	253.4	-	-	W	-	2,839.4	-
January 2018	-	-	-	273.0	-	-	W	-	2,671.1	-
<b>Kansas</b>										
January 2019	-	-	-	W	W	W	W	-	3,899.4	94.8
December 2018	-	-	-	W	W	W	W	-	4,168.0	237.1
January 2018	-	-	-	W	W	W	W	-	W	W
<b>Kentucky</b>										
January 2019	W	W	-	W	W	W	W	-	W	W
December 2018	W	W	-	212.9	-	W	W	-	W	W
January 2018	W	W	-	187.5	-	W	W	-	W	W
<b>Michigan</b>										
January 2019	W	W	-	W	W	W	W	-	W	W
December 2018	W	W	-	W	W	W	W	-	W	W
January 2018	W	W	-	W	W	W	W	-	W	W
<b>Minnesota</b>										
January 2019	W	W	-	W	W	837.4	842.1	-	W	W
December 2018	W	W	-	W	W	795.7	800.5	-	W	W
January 2018	W	W	W	W	W	W	W	W	4,730.1	W
<b>Missouri</b>										
January 2019	-	-	-	W	W	-	W	-	W	W
December 2018	-	-	-	W	W	-	W	-	W	W
January 2018	-	-	-	W	W	-	W	-	W	W

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 2 (cont.)</b>										
<b>Nebraska</b>										
January 2019	W	W	-	1,421.3	-	W	W	-	14.8	-
December 2018	W	W	-	1,467.8	-	W	W	-	18.8	-
January 2018	W	W	-	1,442.5	-	W	W	-	19.6	-
<b>North Dakota</b>										
January 2019	W	W	-	824.9	-	W	W	-	17.1	-
December 2018	W	W	-	855.4	-	W	W	-	18.7	-
January 2018	W	W	-	881.4	-	W	W	-	24.5	-
<b>Ohio</b>										
January 2019	W	W	-	9,463.7	-	W	W	-	37.9	-
December 2018	W	W	-	10,176.2	-	W	W	-	36.2	-
January 2018	W	W	-	9,394.5	-	W	W	-	46.1	-
<b>Oklahoma</b>										
January 2019	W	W	-	W	W	W	W	-	5.1	-
December 2018	W	W	-	W	W	W	W	-	4.4	-
January 2018	W	W	-	W	W	W	W	-	6.1	-
<b>South Dakota</b>										
January 2019	W	10.5	-	867.0	-	W	W	-	15.8	-
December 2018	8.8	9.5	-	907.0	-	W	W	-	18.5	-
January 2018	W	W	-	930.5	-	W	W	-	20.8	-
<b>Tennessee</b>										
January 2019	W	W	-	8,226.8	-	W	W	-	74.7	-
December 2018	W	W	-	8,684.2	-	W	W	-	71.7	-
January 2018	W	W	-	8,153.0	-	W	W	-	67.8	-
<b>Wisconsin</b>										
January 2019	W	W	-	5,012.9	-	W	W	-	34.0	-
December 2018	W	W	-	5,229.1	-	W	W	-	33.3	-
January 2018	W	W	W	W	-	W	W	W	W	-
<b>PAD District 3</b>										
January 2019	861.9	892.5	W	46,207.8	W	82.8	83.0	W	W	-
December 2018	874.2	899.5	W	W	W	86.3	86.4	W	W	-
January 2018	868.6	905.2	W	W	10,399.0	W	86.8	W	W	-
<b>Alabama</b>										
January 2019	-	W	-	4,626.2	-	-	-	-	32.8	-
December 2018	-	W	-	4,828.0	-	-	-	-	30.3	-
January 2018	-	W	-	4,288.4	-	-	-	-	34.4	-
<b>Arkansas</b>										
January 2019	-	-	-	2,667.4	-	-	-	-	11.7	-
December 2018	-	-	-	2,753.2	-	-	-	-	12.6	-
January 2018	-	-	-	2,640.5	-	-	-	-	14.4	-
<b>Louisiana</b>										
January 2019	-	W	-	W	W	-	-	-	12.2	-
December 2018	-	W	-	W	W	-	-	-	12.6	-
January 2018	-	W	-	W	W	-	-	-	17.5	-
<b>Mississippi</b>										
January 2019	-	-	-	W	W	-	-	-	16.9	-
December 2018	-	-	-	W	W	-	-	-	18.8	-
January 2018	-	-	-	W	W	-	-	-	20.3	-
<b>New Mexico</b>										
January 2019	W	356.5	W	W	-	W	W	W	W	-
December 2018	W	361.8	W	W	-	W	W	W	W	-
January 2018	W	378.0	W	W	-	49.1	W	W	W	-
<b>Texas</b>										
January 2019	W	519.5	W	29,532.4	W	W	W	-	W	-
December 2018	W	W	W	30,691.8	W	W	W	-	134.1	-
January 2018	W	W	W	28,653.5	W	W	W	-	157.2	-

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 2 (cont.)</b>										
<b>Nebraska</b>										
January 2019	-	-	-	144.1	-	W	W	-	1,580.2	-
December 2018	-	-	-	157.2	-	W	W	-	1,643.8	-
January 2018	-	-	-	150.0	-	W	W	-	1,612.2	-
<b>North Dakota</b>										
January 2019	W	W	-	85.2	-	W	W	-	927.2	-
December 2018	W	W	-	82.5	-	W	W	-	956.5	-
January 2018	W	W	-	86.6	-	W	W	-	992.5	-
<b>Ohio</b>										
January 2019	W	W	-	W	W	W	W	-	W	W
December 2018	W	W	-	W	W	W	W	-	W	W
January 2018	W	W	-	W	W	W	W	-	W	W
<b>Oklahoma</b>										
January 2019	W	W	-	W	W	W	W	-	4,017.9	1,558.1
December 2018	W	W	-	W	W	W	W	-	4,168.7	1,482.2
January 2018	W	W	-	W	W	W	W	-	4,085.8	485.0
<b>South Dakota</b>										
January 2019	W	W	-	85.4	-	W	W	-	968.2	-
December 2018	W	W	-	82.8	-	10.7	12.4	-	1,008.4	-
January 2018	W	W	-	79.2	-	W	W	-	1,030.5	-
<b>Tennessee</b>										
January 2019	W	W	-	766.6	-	W	W	-	9,068.2	-
December 2018	W	W	-	796.4	-	W	W	-	9,552.3	-
January 2018	W	W	-	774.2	-	W	W	-	8,995.0	-
<b>Wisconsin</b>										
January 2019	W	W	-	397.9	-	W	W	-	5,444.7	-
December 2018	W	W	-	392.5	-	W	W	-	5,654.9	-
January 2018	W	W	W	427.4	W	W	W	W	5,738.9	W
<b>PAD District 3</b>										
January 2019	79.4	85.0	W	W	911.7	1,024.1	1,060.5	W	51,342.4	W
December 2018	83.6	88.8	W	5,270.7	W	1,044.1	1,074.7	W	53,516.2	W
January 2018	W	88.0	W	4,695.8	W	1,036.5	1,079.9	W	49,715.9	W
<b>Alabama</b>										
January 2019	-	W	-	406.7	-	-	W	-	5,065.7	-
December 2018	-	W	-	428.3	-	-	W	-	5,286.5	-
January 2018	-	W	-	388.0	-	-	W	-	4,710.7	-
<b>Arkansas</b>										
January 2019	-	-	-	225.8	-	-	-	-	2,904.8	-
December 2018	-	-	-	283.3	-	-	-	-	3,049.2	-
January 2018	-	-	-	201.9	-	-	-	-	2,856.8	-
<b>Louisiana</b>										
January 2019	-	-	-	W	W	-	W	-	5,839.0	3,288.2
December 2018	-	-	-	W	W	-	W	-	6,036.1	2,331.9
January 2018	-	-	-	W	W	-	W	-	5,629.9	2,505.5
<b>Mississippi</b>										
January 2019	-	-	-	201.5	-	-	-	-	W	W
December 2018	-	-	-	221.6	-	-	-	-	W	W
January 2018	-	-	-	194.5	-	-	-	-	W	W
<b>New Mexico</b>										
January 2019	W	W	W	W	-	W	441.5	W	W	-
December 2018	W	W	W	W	-	W	451.7	W	W	-
January 2018	40.4	W	W	W	-	W	468.9	W	W	-
<b>Texas</b>										
January 2019	W	W	W	W	W	W	598.1	W	33,054.6	W
December 2018	W	W	W	3,603.0	W	W	W	W	34,428.9	W
January 2018	W	W	W	3,253.0	W	W	W	W	32,063.6	W

See footnotes at end of table.



**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 4</b>										
January 2019	W	W	W	W	W	W	W	-	122.3	-
December 2018	W	W	W	9,980.0	W	W	W	-	110.8	-
January 2018	W	W	W	W	W	W	72.7	-	126.9	-
<b>Colorado</b>										
January 2019	W	145.2	W	W	W	39.2	40.1	-	56.4	-
December 2018	W	147.3	W	W	W	40.9	41.8	-	44.6	-
January 2018	W	152.4	W	W	W	41.3	42.1	-	52.7	-
<b>Idaho</b>										
January 2019	W	W	-	1,361.5	-	W	W	-	7.9	-
December 2018	W	W	-	1,376.2	-	W	W	-	7.1	-
January 2018	W	W	-	1,297.2	-	W	W	-	9.0	-
<b>Montana</b>										
January 2019	W	W	-	1,050.0	-	W	W	-	W	-
December 2018	W	W	-	1,101.6	-	W	W	-	W	-
January 2018	W	W	-	996.5	-	W	W	-	W	-
<b>Utah</b>										
January 2019	W	W	W	W	W	W	W	-	42.2	-
December 2018	W	W	W	W	W	W	W	-	40.4	-
January 2018	W	W	W	W	W	W	W	-	42.7	-
<b>Wyoming</b>										
January 2019	W	8.8	-	827.5	-	W	W	-	W	-
December 2018	W	8.8	-	751.1	-	W	W	-	W	-
January 2018	W	9.3	-	868.4	-	W	W	-	W	-
<b>PAD District 5</b>										
January 2019	4,000.6	4,060.2	14,328.9	26,229.2	2,456.7	568.5	569.2	W	W	-
December 2018	4,205.8	4,267.7	15,186.5	27,164.3	2,155.5	611.1	611.8	199.4	265.4	-
January 2018	3,755.2	3,824.2	14,527.3	27,125.6	2,054.3	548.7	553.1	226.2	286.0	-
<b>Alaska</b>										
January 2019	W	W	65.2	W	W	W	W	W	W	-
December 2018	W	W	73.6	W	W	W	W	W	W	-
January 2018	W	W	76.7	W	W	W	W	W	W	-
<b>Arizona</b>										
January 2019	W	W	W	3,916.1	W	W	W	W	W	-
December 2018	W	W	1,104.2	W	W	W	W	W	W	-
January 2018	W	W	W	4,121.7	W	W	W	W	W	-
<b>California</b>										
January 2019	2,899.4	2,900.6	10,779.8	13,024.9	1,697.2	488.3	488.5	117.9	153.2	-
December 2018	3,060.4	3,061.2	11,370.5	13,321.4	1,419.0	523.8	523.9	128.6	166.3	-
January 2018	2,651.4	2,652.7	10,747.7	13,817.5	1,336.2	460.7	460.8	142.0	183.3	-
<b>Hawaii</b>										
January 2019	W	W	W	W	W	W	W	W	W	-
December 2018	W	W	W	W	W	W	W	W	W	-
January 2018	W	W	W	W	W	W	W	W	W	-
<b>Nevada</b>										
January 2019	W	W	W	1,344.4	W	W	W	W	W	-
December 2018	W	W	W	1,456.2	W	W	W	W	W	-
January 2018	W	W	W	1,365.8	W	W	W	W	W	-
<b>Oregon</b>										
January 2019	80.4	80.4	685.3	W	W	5.2	5.2	W	W	-
December 2018	87.0	87.0	731.2	W	W	5.7	5.7	W	W	-
January 2018	87.1	87.1	W	2,755.3	W	5.8	5.8	3.9	8.8	-
<b>Washington</b>										
January 2019	336.8	341.1	W	4,618.0	W	28.6	28.7	W	W	-
December 2018	342.4	346.7	W	4,805.3	W	29.4	29.6	W	W	-
January 2018	317.5	322.5	W	4,483.6	W	29.7	29.9	W	W	-

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 4</b>										
January 2019	W	W	W	W	W	W	W	W	12,329.5	W
December 2018	W	W	W	2,236.1	W	W	W	W	12,326.8	W
January 2018	62.8	W	W	W	W	W	W	W	11,975.4	W
<b>Colorado</b>										
January 2019	W	30.5	W	W	-	211.1	215.8	W	5,379.8	W
December 2018	W	31.3	W	W	-	216.1	220.4	W	5,442.5	W
January 2018	W	31.3	W	W	-	221.0	225.9	W	5,151.7	W
<b>Idaho</b>										
January 2019	W	W	-	234.8	-	W	W	-	1,604.3	-
December 2018	W	W	-	234.6	-	W	W	-	1,618.0	-
January 2018	W	W	-	219.8	-	W	W	-	1,526.0	-
<b>Montana</b>										
January 2019	W	W	-	W	-	W	W	-	1,268.3	-
December 2018	W	W	-	W	-	W	W	-	1,315.8	-
January 2018	W	W	-	W	-	W	W	-	1,211.9	-
<b>Utah</b>										
January 2019	W	W	W	W	W	W	W	W	3,099.6	W
December 2018	W	W	W	W	W	W	W	W	3,063.2	W
January 2018	W	W	W	W	W	W	W	W	3,056.8	W
<b>Wyoming</b>										
January 2019	W	W	-	W	-	W	10.9	-	977.5	-
December 2018	W	W	-	W	-	W	11.1	-	887.4	-
January 2018	W	W	-	W	-	W	11.4	-	1,028.9	-
<b>PAD District 5</b>										
January 2019	997.3	1,002.9	4,088.2	W	W	5,566.4	5,632.3	W	31,999.1	W
December 2018	1,074.8	1,080.3	4,362.4	5,699.9	424.0	5,891.7	5,959.8	19,748.3	33,129.6	2,579.4
January 2018	949.2	955.1	4,111.6	5,521.2	391.2	5,253.1	5,332.4	18,865.1	32,932.7	2,445.5
<b>Alaska</b>										
January 2019	W	W	W	28.9	-	W	W	W	W	W
December 2018	W	W	W	W	-	W	W	89.3	W	W
January 2018	W	W	W	W	-	W	W	93.1	W	W
<b>Arizona</b>										
January 2019	W	W	160.9	W	W	W	W	W	4,498.9	W
December 2018	W	W	W	595.5	W	W	W	1,266.8	4,728.2	218.9
January 2018	W	W	162.4	W	W	W	W	W	4,692.9	W
<b>California</b>										
January 2019	840.5	840.5	3,347.9	3,382.7	359.8	4,228.2	4,229.6	14,245.6	16,560.9	2,057.0
December 2018	904.8	904.8	3,542.9	3,458.1	320.5	4,488.9	4,489.8	15,042.0	16,945.8	1,739.5
January 2018	778.8	778.8	3,303.7	3,400.1	269.8	3,890.9	3,892.3	14,193.4	17,400.9	1,606.1
<b>Hawaii</b>										
January 2019	W	W	W	W	W	W	W	W	W	W
December 2018	W	W	W	W	W	W	W	W	W	W
January 2018	W	W	W	W	W	W	W	W	W	W
<b>Nevada</b>										
January 2019	W	W	W	W	-	W	W	W	1,652.2	W
December 2018	W	W	W	W	W	W	W	W	1,797.6	W
January 2018	W	W	W	W	W	W	W	W	1,700.5	W
<b>Oregon</b>										
January 2019	12.2	12.2	111.7	350.5	-	97.7	97.7	W	3,200.9	W
December 2018	13.1	13.1	123.3	357.0	-	105.9	105.9	W	3,255.6	W
January 2018	12.8	12.8	W	342.2	W	105.7	105.7	886.4	3,106.4	270.0
<b>Washington</b>										
January 2019	43.5	43.6	204.2	W	W	408.9	413.4	W	5,522.3	W
December 2018	44.4	44.5	219.3	W	W	416.2	420.7	W	5,721.8	W
January 2018	45.6	45.7	226.1	W	W	392.9	398.1	W	5,340.9	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report."

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state**

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>United States</b>					
January 2019	14,047.8	14,334.1	3,888.3	173,410.2	16,898.1
December 2018	14,565.9	14,850.9	4,197.8	181,131.5	12,320.8
January 2018	13,835.9	14,087.4	4,276.4	170,922.3	15,386.0
<b>PAD District 1</b>					
January 2019	W	W	W	W	3,199.2
December 2018	W	W	W	48,472.4	W
January 2018	W	W	W	46,169.1	W
<b>Subdistrict 1A</b>					
January 2019	-	-	W	W	-
December 2018	-	-	W	W	-
January 2018	-	-	W	W	-
<b>Connecticut</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>Maine</b>					
January 2019	-	-	-	W	-
December 2018	-	-	W	W	-
January 2018	-	-	W	W	-
<b>Massachusetts</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>New Hampshire</b>					
January 2019	-	-	W	-	-
December 2018	-	-	W	-	-
January 2018	-	-	W	W	-
<b>Rhode Island</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>Vermont</b>					
January 2019	-	-	W	W	-
December 2018	-	-	W	W	-
January 2018	-	-	W	82.1	-
<b>Subdistrict 1B</b>					
January 2019	W	W	W	5,550.3	W
December 2018	W	W	W	W	W
January 2018	W	W	W	W	W
<b>Delaware</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>District of Columbia</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>Maryland</b>					
January 2019	-	-	-	343.5	-
December 2018	-	-	-	370.2	-
January 2018	-	-	-	W	-
<b>New Jersey</b>					
January 2019	-	-	-	-	W
December 2018	-	-	-	-	W
January 2018	-	-	-	-	W
<b>New York</b>					
January 2019	W	W	W	W	W
December 2018	W	W	W	W	W
January 2018	W	W	W	W	W
<b>Pennsylvania</b>					
January 2019	W	W	-	W	W
December 2018	W	W	-	W	W
January 2018	W	W	-	W	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>United States</b>					
January 2019	8,834.5	8,860.2	16,383.3	73,273.5	3,387.3
December 2018	9,309.3	9,331.5	17,292.6	75,876.2	3,081.2
January 2018	8,428.8	8,456.4	16,383.7	73,072.9	3,061.8
<b>PAD District 1</b>					
January 2019	W	W	W	W	W
December 2018	W	W	W	28,105.6	W
January 2018	W	W	W	26,162.4	W
<b>Subdistrict 1A</b>					
January 2019	W	W	W	W	W
December 2018	W	W	W	W	W
January 2018	W	W	-	W	W
<b>Connecticut</b>					
January 2019	-	W	-	W	W
December 2018	-	W	W	2,698.5	W
January 2018	-	W	-	W	W
<b>Maine</b>					
January 2019	-	-	-	W	-
December 2018	-	-	-	W	-
January 2018	-	-	-	W	-
<b>Massachusetts</b>					
January 2019	W	W	-	1,485.6	-
December 2018	W	W	W	W	-
January 2018	W	W	-	1,139.7	-
<b>New Hampshire</b>					
January 2019	W	W	W	W	-
December 2018	W	W	-	W	-
January 2018	W	W	-	W	-
<b>Rhode Island</b>					
January 2019	W	W	-	1,005.3	-
December 2018	W	W	-	1,064.9	-
January 2018	W	W	-	1,022.8	-
<b>Vermont</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>Subdistrict 1B</b>					
January 2019	W	W	W	17,768.1	W
December 2018	W	W	W	W	W
January 2018	W	W	W	W	W
<b>Delaware</b>					
January 2019	W	W	-	1,060.4	-
December 2018	W	W	-	1,069.5	-
January 2018	W	W	-	1,004.5	-
<b>District of Columbia</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>Maryland</b>					
January 2019	-	-	-	3,753.0	-
December 2018	-	-	-	3,952.1	-
January 2018	-	-	-	W	-
<b>New Jersey</b>					
January 2019	W	W	W	W	W
December 2018	W	W	W	W	W
January 2018	W	W	W	6,993.5	W
<b>New York</b>					
January 2019	W	W	W	W	W
December 2018	W	W	W	W	W
January 2018	W	W	W	W	-
<b>Pennsylvania</b>					
January 2019	W	W	-	W	W
December 2018	W	W	-	W	W
January 2018	W	W	-	W	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>United States</b>					
January 2019	22,882.4	23,194.3	20,271.6	246,683.7	20,285.4
December 2018	23,875.2	24,182.4	21,490.5	257,007.7	15,401.9
January 2018	22,264.8	22,543.8	20,660.1	243,995.2	18,447.8
<b>PAD District 1</b>					
January 2019	7,547.5	7,642.0	W	74,350.9	W
December 2018	7,782.3	7,876.7	W	76,578.0	W
January 2018	7,218.5	7,265.1	W	72,331.4	W
<b>Subdistrict 1A</b>					
January 2019	W	W	W	W	W
December 2018	W	W	W	6,044.9	W
January 2018	W	W	W	W	W
<b>Connecticut</b>					
January 2019	-	W	-	W	W
December 2018	-	W	W	2,698.5	W
January 2018	-	W	-	W	W
<b>Maine</b>					
January 2019	-	-	-	658.6	-
December 2018	-	-	W	W	-
January 2018	-	-	W	W	-
<b>Massachusetts</b>					
January 2019	W	W	-	1,485.6	-
December 2018	W	W	W	W	-
January 2018	W	W	-	1,139.7	-
<b>New Hampshire</b>					
January 2019	W	W	W	W	-
December 2018	W	W	W	W	-
January 2018	W	W	W	W	-
<b>Rhode Island</b>					
January 2019	W	W	-	1,005.3	-
December 2018	W	W	-	1,064.9	-
January 2018	W	W	-	1,022.8	-
<b>Vermont</b>					
January 2019	-	-	W	W	-
December 2018	-	-	W	W	-
January 2018	-	-	W	82.1	-
<b>Subdistrict 1B</b>					
January 2019	4,217.0	4,217.0	W	23,318.4	W
December 2018	4,320.3	4,320.3	W	24,248.4	W
January 2018	3,820.6	3,820.6	W	23,330.9	W
<b>Delaware</b>					
January 2019	W	W	-	1,060.4	-
December 2018	W	W	-	1,069.5	-
January 2018	W	W	-	1,004.5	-
<b>District of Columbia</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>Maryland</b>					
January 2019	-	-	-	4,096.6	-
December 2018	-	-	-	4,322.3	-
January 2018	-	-	-	4,463.5	-
<b>New Jersey</b>					
January 2019	W	W	W	W	1,681.4
December 2018	W	W	W	W	1,158.1
January 2018	W	W	W	6,993.5	W
<b>New York</b>					
January 2019	2,681.8	2,681.8	W	5,356.9	W
December 2018	2,725.6	2,725.6	W	5,451.5	W
January 2018	2,361.4	2,361.4	W	W	W
<b>Pennsylvania</b>					
January 2019	W	W	-	W	W
December 2018	W	W	-	W	W
January 2018	W	W	-	W	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>Subdistrict 1C</b>					
January 2019	W	W	-	W	W
December 2018	W	W	-	42,078.5	275.7
January 2018	W	W	-	W	W
<b>Florida</b>					
January 2019	W	W	-	15,279.0	-
December 2018	W	W	-	15,396.2	-
January 2018	W	W	-	14,971.8	-
<b>Georgia</b>					
January 2019	W	W	-	8,932.3	-
December 2018	W	W	-	9,149.9	-
January 2018	W	W	-	8,239.3	-
<b>North Carolina</b>					
January 2019	W	W	-	9,158.4	-
December 2018	W	W	-	W	W
January 2018	W	W	-	8,851.4	-
<b>South Carolina</b>					
January 2019	W	W	-	4,372.8	-
December 2018	W	W	-	4,495.3	-
January 2018	W	W	-	4,330.1	-
<b>Virginia</b>					
January 2019	-	-	-	W	W
December 2018	-	-	-	W	W
January 2018	-	-	-	W	W
<b>West Virginia</b>					
January 2019	W	W	-	W	W
December 2018	W	W	-	W	W
January 2018	W	W	-	W	W
<b>PAD District 2</b>					
January 2019	W	W	-	W	W
December 2018	W	W	-	W	W
January 2018	W	6,874.5	W	W	W
<b>Illinois</b>					
January 2019	W	W	-	W	W
December 2018	W	W	-	W	W
January 2018	W	W	-	W	W
<b>Indiana</b>					
January 2019	W	W	-	W	W
December 2018	W	W	-	W	W
January 2018	W	W	-	W	W
<b>Iowa</b>					
January 2019	-	-	-	2,550.1	-
December 2018	-	W	-	2,839.4	-
January 2018	-	W	-	2,671.1	-
<b>Kansas</b>					
January 2019	W	W	-	3,899.4	94.8
December 2018	W	W	-	4,168.0	237.1
January 2018	W	W	-	W	W
<b>Kentucky</b>					
January 2019	W	W	-	W	W
December 2018	W	W	-	W	W
January 2018	W	W	-	W	W
<b>Michigan</b>					
January 2019	W	W	-	W	W
December 2018	W	W	-	W	W
January 2018	W	W	-	W	W
<b>Minnesota</b>					
January 2019	837.4	842.1	-	W	W
December 2018	795.7	800.5	-	W	W
January 2018	W	W	W	4,730.1	W
<b>Missouri</b>					
January 2019	-	W	-	2,446.5	-
December 2018	-	W	-	2,699.4	-
January 2018	-	W	-	2,545.3	-

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>Subdistrict 1C</b>					
January 2019	-	-	-	3,940.9	-
December 2018	-	-	-	4,206.2	-
January 2018	-	-	-	4,064.0	-
<b>Florida</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>Georgia</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>North Carolina</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>South Carolina</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>Virginia</b>					
January 2019	-	-	-	3,940.9	-
December 2018	-	-	-	4,206.2	-
January 2018	-	-	-	4,064.0	-
<b>West Virginia</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>PAD District 2</b>					
January 2019	W	W	-	W	W
December 2018	W	W	-	W	W
January 2018	W	W	-	W	W
<b>Illinois</b>					
January 2019	W	W	-	W	W
December 2018	W	W	-	W	W
January 2018	W	W	-	W	W
<b>Indiana</b>					
January 2019	W	W	-	857.5	-
December 2018	W	W	-	949.7	-
January 2018	W	W	-	861.6	-
<b>Iowa</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>Kansas</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>Kentucky</b>					
January 2019	W	W	-	585.8	-
December 2018	W	W	-	622.9	-
January 2018	W	W	-	733.8	-
<b>Michigan</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>Minnesota</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>Missouri</b>					
January 2019	-	-	-	W	W
December 2018	-	-	-	W	W
January 2018	-	-	-	W	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>Subdistrict 1C</b>					
January 2019	W	W	-	W	W
December 2018	W	W	-	46,284.7	275.7
January 2018	W	W	-	W	W
<b>Florida</b>					
January 2019	W	W	-	15,279.0	-
December 2018	W	W	-	15,396.2	-
January 2018	W	W	-	14,971.8	-
<b>Georgia</b>					
January 2019	W	W	-	8,932.3	-
December 2018	W	W	-	9,149.9	-
January 2018	W	W	-	8,239.3	-
<b>North Carolina</b>					
January 2019	W	W	-	9,158.4	-
December 2018	W	W	-	W	W
January 2018	W	W	-	8,851.4	-
<b>South Carolina</b>					
January 2019	W	W	-	4,372.8	-
December 2018	W	W	-	4,495.3	-
January 2018	W	W	-	4,330.1	-
<b>Virginia</b>					
January 2019	-	-	-	W	W
December 2018	-	-	-	W	W
January 2018	-	-	-	W	W
<b>West Virginia</b>					
January 2019	W	W	-	W	W
December 2018	W	W	-	W	W
January 2018	W	W	-	W	W
<b>PAD District 2</b>					
January 2019	W	W	-	76,661.8	1,938.9
December 2018	W	W	-	81,457.1	2,030.5
January 2018	W	W	W	77,039.7	W
<b>Illinois</b>					
January 2019	W	W	-	11,114.5	NA
December 2018	W	W	-	11,832.3	NA
January 2018	W	W	-	W	W
<b>Indiana</b>					
January 2019	W	W	-	W	W
December 2018	W	W	-	W	W
January 2018	W	W	-	W	W
<b>Iowa</b>					
January 2019	-	-	-	2,550.1	-
December 2018	-	W	-	2,839.4	-
January 2018	-	W	-	2,671.1	-
<b>Kansas</b>					
January 2019	W	W	-	3,899.4	94.8
December 2018	W	W	-	4,168.0	237.1
January 2018	W	W	-	W	W
<b>Kentucky</b>					
January 2019	W	W	-	W	W
December 2018	W	W	-	W	W
January 2018	W	W	-	W	W
<b>Michigan</b>					
January 2019	W	W	-	W	W
December 2018	W	W	-	W	W
January 2018	W	W	-	W	W
<b>Minnesota</b>					
January 2019	837.4	842.1	-	W	W
December 2018	795.7	800.5	-	W	W
January 2018	W	W	W	4,730.1	W
<b>Missouri</b>					
January 2019	-	W	-	W	W
December 2018	-	W	-	W	W
January 2018	-	W	-	W	W

See footnotes at end of table.



**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 2 (cont.)</b>					
<b>Nebraska</b>					
January 2019	W	W	-	1,580.2	-
December 2018	W	W	-	1,643.8	-
January 2018	W	W	-	1,612.2	-
<b>North Dakota</b>					
January 2019	W	W	-	927.2	-
December 2018	W	W	-	956.5	-
January 2018	W	W	-	992.5	-
<b>Ohio</b>					
January 2019	W	W	-	W	W
December 2018	W	W	-	W	W
January 2018	W	W	-	W	W
<b>Oklahoma</b>					
January 2019	W	W	-	4,017.9	1,558.1
December 2018	W	W	-	4,168.7	1,482.2
January 2018	W	W	-	4,085.8	485.0
<b>South Dakota</b>					
January 2019	W	W	-	968.2	-
December 2018	10.7	12.4	-	1,008.4	-
January 2018	W	W	-	1,030.5	-
<b>Tennessee</b>					
January 2019	W	W	-	9,068.2	-
December 2018	W	W	-	9,552.3	-
January 2018	W	W	-	8,995.0	-
<b>Wisconsin</b>					
January 2019	W	W	-	3,920.4	-
December 2018	21.5	22.1	-	4,030.6	-
January 2018	W	49.8	W	4,132.3	W
<b>PAD District 3</b>					
January 2019	1,024.1	1,060.5	W	36,209.6	W
December 2018	1,044.1	1,074.7	W	37,872.2	W
January 2018	1,036.5	1,079.9	W	34,751.4	W
<b>Alabama</b>					
January 2019	-	W	-	5,065.7	-
December 2018	-	W	-	5,286.5	-
January 2018	-	W	-	4,710.7	-
<b>Arkansas</b>					
January 2019	-	-	-	2,904.8	-
December 2018	-	-	-	3,049.2	-
January 2018	-	-	-	2,856.8	-
<b>Louisiana</b>					
January 2019	-	W	-	5,839.0	3,288.2
December 2018	-	W	-	6,036.1	2,331.9
January 2018	-	W	-	5,629.9	2,505.5
<b>Mississippi</b>					
January 2019	-	-	-	W	W
December 2018	-	-	-	W	W
January 2018	-	-	-	W	W
<b>New Mexico</b>					
January 2019	W	441.5	W	W	-
December 2018	W	451.7	W	W	-
January 2018	W	468.9	W	W	-
<b>Texas</b>					
January 2019	W	598.1	W	W	W
December 2018	W	W	W	W	W
January 2018	W	W	W	W	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 2 (cont.)</b>					
<b>Nebraska</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>North Dakota</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>Ohio</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>Oklahoma</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>South Dakota</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>Tennessee</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>Wisconsin</b>					
January 2019	W	W	-	1,524.4	-
December 2018	W	W	-	1,624.3	-
January 2018	W	W	-	1,606.6	-
<b>PAD District 3</b>					
January 2019	-	-	-	15,132.8	-
December 2018	-	-	-	15,644.1	-
January 2018	-	-	-	14,964.5	-
<b>Alabama</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>Arkansas</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>Louisiana</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>Mississippi</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>New Mexico</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>Texas</b>					
January 2019	-	-	-	W	-
December 2018	-	-	-	W	-
January 2018	-	-	-	W	-

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 2 (cont.)</b>					
<b>Nebraska</b>					
January 2019	W	W	-	1,580.2	-
December 2018	W	W	-	1,643.8	-
January 2018	W	W	-	1,612.2	-
<b>North Dakota</b>					
January 2019	W	W	-	927.2	-
December 2018	W	W	-	956.5	-
January 2018	W	W	-	992.5	-
<b>Ohio</b>					
January 2019	W	W	-	W	W
December 2018	W	W	-	W	W
January 2018	W	W	-	W	W
<b>Oklahoma</b>					
January 2019	W	W	-	4,017.9	1,558.1
December 2018	W	W	-	4,168.7	1,482.2
January 2018	W	W	-	4,085.8	485.0
<b>South Dakota</b>					
January 2019	W	W	-	968.2	-
December 2018	10.7	12.4	-	1,008.4	-
January 2018	W	W	-	1,030.5	-
<b>Tennessee</b>					
January 2019	W	W	-	9,068.2	-
December 2018	W	W	-	9,552.3	-
January 2018	W	W	-	8,995.0	-
<b>Wisconsin</b>					
January 2019	W	W	-	5,444.7	-
December 2018	W	W	-	5,654.9	-
January 2018	W	W	W	5,738.9	W
<b>PAD District 3</b>					
January 2019	1,024.1	1,060.5	W	51,342.4	W
December 2018	1,044.1	1,074.7	W	53,516.2	W
January 2018	1,036.5	1,079.9	W	49,715.9	W
<b>Alabama</b>					
January 2019	-	W	-	5,065.7	-
December 2018	-	W	-	5,286.5	-
January 2018	-	W	-	4,710.7	-
<b>Arkansas</b>					
January 2019	-	-	-	2,904.8	-
December 2018	-	-	-	3,049.2	-
January 2018	-	-	-	2,856.8	-
<b>Louisiana</b>					
January 2019	-	W	-	5,839.0	3,288.2
December 2018	-	W	-	6,036.1	2,331.9
January 2018	-	W	-	5,629.9	2,505.5
<b>Mississippi</b>					
January 2019	-	-	-	W	W
December 2018	-	-	-	W	W
January 2018	-	-	-	W	W
<b>New Mexico</b>					
January 2019	W	441.5	W	W	-
December 2018	W	451.7	W	W	-
January 2018	W	468.9	W	W	-
<b>Texas</b>					
January 2019	W	598.1	W	33,054.6	W
December 2018	W	W	W	34,428.9	W
January 2018	W	W	W	32,063.6	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 4</b>					
January 2019	W	W	W	12,329.5	W
December 2018	W	W	W	12,326.8	W
January 2018	W	W	W	11,975.4	W
<b>Colorado</b>					
January 2019	211.1	215.8	W	5,379.8	W
December 2018	216.1	220.4	W	5,442.5	W
January 2018	221.0	225.9	W	5,151.7	W
<b>Idaho</b>					
January 2019	W	W	-	1,604.3	-
December 2018	W	W	-	1,618.0	-
January 2018	W	W	-	1,526.0	-
<b>Montana</b>					
January 2019	W	W	-	1,268.3	-
December 2018	W	W	-	1,315.8	-
January 2018	W	W	-	1,211.9	-
<b>Utah</b>					
January 2019	W	W	W	3,099.6	W
December 2018	W	W	W	3,063.2	W
January 2018	W	W	W	3,056.8	W
<b>Wyoming</b>					
January 2019	W	10.9	-	977.5	-
December 2018	W	11.1	-	887.4	-
January 2018	W	11.4	-	1,028.9	-
<b>PAD District 5</b>					
January 2019	1,338.2	1,401.5	W	12,659.4	W
December 2018	1,402.8	1,468.6	W	W	W
January 2018	1,362.2	W	W	W	W
<b>Alaska</b>					
January 2019	W	W	W	W	W
December 2018	W	W	89.3	W	W
January 2018	W	W	93.1	W	W
<b>Arizona</b>					
January 2019	W	W	W	W	-
December 2018	W	W	W	W	-
January 2018	W	W	262.4	W	-
<b>California</b>					
January 2019	-	-	-	-	W
December 2018	-	-	-	-	W
January 2018	-	-	-	-	W
<b>Hawaii</b>					
January 2019	W	W	W	W	W
December 2018	W	W	W	W	W
January 2018	W	W	W	W	W
<b>Nevada</b>					
January 2019	W	W	W	1,652.2	W
December 2018	W	W	W	1,797.6	W
January 2018	W	W	W	1,700.5	W
<b>Oregon</b>					
January 2019	97.7	97.7	W	3,200.9	W
December 2018	105.9	105.9	W	3,255.6	W
January 2018	105.7	105.7	886.4	3,106.4	270.0
<b>Washington</b>					
January 2019	408.9	413.4	W	5,522.3	W
December 2018	416.2	420.7	W	5,721.8	W
January 2018	392.9	398.1	W	5,340.9	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 4</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>Colorado</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>Idaho</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>Montana</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>Utah</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>Wyoming</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>PAD District 5</b>					
January 2019	4,228.2	4,230.7	W	19,339.7	W
December 2018	4,488.9	4,491.2	W	W	W
January 2018	3,890.9	W	W	W	W
<b>Alaska</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>Arizona</b>					
January 2019	-	W	W	W	W
December 2018	-	W	W	W	218.9
January 2018	-	W	W	W	W
<b>California</b>					
January 2019	4,228.2	W	14,245.6	W	W
December 2018	4,488.9	W	15,042.0	16,945.8	W
January 2018	3,890.9	3,892.3	14,193.4	17,400.9	W
<b>Hawaii</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>Nevada</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>Oregon</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-
<b>Washington</b>					
January 2019	-	-	-	-	-
December 2018	-	-	-	-	-
January 2018	-	-	-	-	-

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 4</b>					
January 2019	W	W	W	12,329.5	W
December 2018	W	W	W	12,326.8	W
January 2018	W	W	W	11,975.4	W
<b>Colorado</b>					
January 2019	211.1	215.8	W	5,379.8	W
December 2018	216.1	220.4	W	5,442.5	W
January 2018	221.0	225.9	W	5,151.7	W
<b>Idaho</b>					
January 2019	W	W	-	1,604.3	-
December 2018	W	W	-	1,618.0	-
January 2018	W	W	-	1,526.0	-
<b>Montana</b>					
January 2019	W	W	-	1,268.3	-
December 2018	W	W	-	1,315.8	-
January 2018	W	W	-	1,211.9	-
<b>Utah</b>					
January 2019	W	W	W	3,099.6	W
December 2018	W	W	W	3,063.2	W
January 2018	W	W	W	3,056.8	W
<b>Wyoming</b>					
January 2019	W	10.9	-	977.5	-
December 2018	W	11.1	-	887.4	-
January 2018	W	11.4	-	1,028.9	-
<b>PAD District 5</b>					
January 2019	5,566.4	5,632.3	W	31,999.1	W
December 2018	5,891.7	5,959.8	19,748.3	33,129.6	2,579.4
January 2018	5,253.1	5,332.4	18,865.1	32,932.7	2,445.5
<b>Alaska</b>					
January 2019	W	W	W	W	W
December 2018	W	W	89.3	W	W
January 2018	W	W	93.1	W	W
<b>Arizona</b>					
January 2019	W	W	W	4,498.9	W
December 2018	W	W	1,266.8	4,728.2	218.9
January 2018	W	W	W	4,692.9	W
<b>California</b>					
January 2019	4,228.2	4,229.6	14,245.6	16,560.9	2,057.0
December 2018	4,488.9	4,489.8	15,042.0	16,945.8	1,739.5
January 2018	3,890.9	3,892.3	14,193.4	17,400.9	1,606.1
<b>Hawaii</b>					
January 2019	W	W	W	W	W
December 2018	W	W	W	W	W
January 2018	W	W	W	W	W
<b>Nevada</b>					
January 2019	W	W	W	1,652.2	W
December 2018	W	W	W	1,797.6	W
January 2018	W	W	W	1,700.5	W
<b>Oregon</b>					
January 2019	97.7	97.7	W	3,200.9	W
December 2018	105.9	105.9	W	3,255.6	W
January 2018	105.7	105.7	886.4	3,106.4	270.0
<b>Washington</b>					
January 2019	408.9	413.4	W	5,522.3	W
December 2018	416.2	420.7	W	5,721.8	W
January 2018	392.9	398.1	W	5,340.9	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report."

**Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state**

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>United States</b>										
January 2019	3.5	379.1	29,365.8	36,443.2	W	1,765.3	121.9	3,306.2	3,467.8	41,159.7
December 2018	W	351.4	32,175.0	37,179.5	W	1,389.6	101.3	2,399.8	2,876.5	36,077.9
January 2018	W	324.5	29,072.9	41,051.4	W	2,336.5	115.7	3,216.2	3,507.0	46,812.3
<b>PAD District 1</b>										
January 2019	W	105.1	5,982.8	7,274.7	W	766.3	-	W	W	9,721.2
December 2018	W	101.1	6,504.6	7,047.7	W	513.2	-	44.6	W	8,649.0
January 2018	W	99.9	4,824.3	7,975.8	W	974.8	-	W	W	12,489.2
<b>Subdistrict 1A</b>										
January 2019	-	W	173.9	497.8	W	W	-	-	W	2,014.4
December 2018	-	W	169.1	505.3	W	W	-	-	W	1,745.2
January 2018	-	W	215.8	859.4	W	W	-	-	W	2,436.4
<b>Connecticut</b>										
January 2019	-	-	W	W	-	W	-	-	-	245.0
December 2018	-	-	W	W	-	W	-	-	-	W
January 2018	-	-	W	W	-	W	-	-	-	265.5
<b>Maine</b>										
January 2019	-	W	W	W	-	-	-	-	W	599.6
December 2018	-	W	W	W	-	-	-	-	W	527.2
January 2018	-	W	W	W	-	-	-	-	W	618.9
<b>Massachusetts</b>										
January 2019	-	-	W	445.3	W	-	-	-	-	242.0
December 2018	-	-	W	451.6	W	-	-	-	-	207.7
January 2018	-	-	W	819.0	W	-	-	-	-	359.3
<b>New Hampshire</b>										
January 2019	-	-	W	W	W	-	-	-	-	W
December 2018	-	-	W	W	W	-	-	-	-	227.5
January 2018	-	-	W	W	W	-	-	-	-	295.0
<b>Rhode Island</b>										
January 2019	-	-	W	W	W	-	-	-	-	W
December 2018	-	-	W	W	W	-	-	-	-	W
January 2018	-	-	W	W	W	-	-	-	-	W
<b>Vermont</b>										
January 2019	-	-	W	W	-	-	-	-	-	564.0
December 2018	-	-	W	W	-	-	-	-	-	481.7
January 2018	-	-	W	W	-	-	-	-	-	W
<b>Subdistrict 1B</b>										
January 2019	W	W	2,391.5	4,859.8	W	613.1	-	W	-	3,579.8
December 2018	-	W	2,571.8	4,756.5	W	413.7	-	W	-	3,193.0
January 2018	W	W	1,478.8	5,239.9	W	789.2	-	28.2	-	4,376.3
<b>Delaware</b>										
January 2019	-	-	-	-	W	W	-	-	-	156.0
December 2018	-	-	-	-	W	-	-	-	-	141.2
January 2018	-	-	-	-	W	-	-	-	-	184.2
<b>District of Columbia</b>										
January 2019	-	-	-	-	-	-	-	-	-	-
December 2018	-	-	-	-	-	-	-	-	-	-
January 2018	-	-	-	-	-	-	-	-	-	-
<b>Maryland</b>										
January 2019	-	-	W	49.4	-	W	-	-	-	99.5
December 2018	-	-	W	71.1	-	W	-	-	-	68.2
January 2018	-	-	W	51.1	-	W	-	-	-	153.5
<b>New Jersey</b>										
January 2019	-	W	901.1	2,874.4	W	W	-	-	-	363.5
December 2018	-	W	1,074.1	2,823.3	W	W	-	W	-	303.3
January 2018	-	W	505.0	3,190.6	W	531.4	-	-	-	402.1
<b>New York</b>										
January 2019	-	W	1,212.0	61.9	W	126.1	-	W	-	1,166.7
December 2018	-	W	1,203.0	65.3	W	W	-	W	-	1,033.0
January 2018	-	W	787.9	76.0	W	171.3	-	W	-	1,601.5
<b>Pennsylvania</b>										
January 2019	W	W	W	1,874.2	W	W	-	W	-	1,794.1
December 2018	-	W	W	1,796.8	5.1	5.1	-	W	-	1,647.3
January 2018	W	W	W	1,922.1	W	W	-	W	-	2,035.1

See footnotes at end of table.

**Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>Subdistrict 1C</b>										
January 2019	W	80.2	3,417.5	1,917.0	W	W	-	W	-	4,127.1
December 2018	W	75.8	3,763.7	1,785.9	W	W	-	W	-	3,710.7
January 2018	W	81.5	3,129.6	1,876.5	W	W	-	W	-	5,676.5
<b>Florida</b>										
January 2019	W	55.4	2,534.3	1,620.1	W	-	-	-	-	417.9
December 2018	-	55.3	2,813.9	1,491.2	W	W	-	-	-	340.4
January 2018	-	63.4	2,536.9	1,573.5	W	W	-	-	-	611.1
<b>Georgia</b>										
January 2019	W	W	W	60.6	-	15.7	-	W	-	791.3
December 2018	W	W	W	52.2	-	W	-	W	-	700.5
January 2018	W	W	W	75.9	-	W	-	W	-	973.3
<b>North Carolina</b>										
January 2019	-	W	W	82.5	W	91.1	-	-	-	1,375.9
December 2018	-	W	W	90.9	W	70.3	-	-	-	1,229.6
January 2018	-	W	W	W	W	152.1	-	-	-	1,887.0
<b>South Carolina</b>										
January 2019	-	-	W	62.9	W	16.7	-	-	-	1,064.6
December 2018	-	-	W	58.3	W	W	-	-	-	1,012.3
January 2018	-	-	W	50.3	W	W	-	-	-	1,397.8
<b>Virginia</b>										
January 2019	-	W	441.7	W	-	W	-	-	-	271.0
December 2018	-	W	463.4	W	-	W	-	-	-	235.1
January 2018	-	W	276.0	97.0	-	W	-	-	-	555.8
<b>West Virginia</b>										
January 2019	-	-	W	W	W	-	-	-	-	206.4
December 2018	-	-	W	W	W	-	-	-	-	192.9
January 2018	-	-	W	W	W	-	-	-	-	251.5
<b>PAD District 2</b>										
January 2019	W	84.7	5,734.5	4,366.8	W	W	18.3	2,470.4	W	15,965.1
December 2018	W	69.8	6,321.4	5,092.6	W	W	11.7	1,701.6	W	13,535.7
January 2018	W	56.3	5,295.4	4,686.2	W	W	14.2	2,489.5	W	17,465.5
<b>Illinois</b>										
January 2019	W	W	NA	W	W	W	W	203.9	W	2,251.7
December 2018	W	W	1,453.8	W	W	W	W	89.7	W	1,874.3
January 2018	W	W	1,143.8	W	W	W	-	155.6	W	2,571.0
<b>Indiana</b>										
January 2019	-	-	1,053.4	230.2	W	32.8	-	W	-	751.7
December 2018	-	-	965.5	283.8	W	15.9	-	W	-	597.4
January 2018	-	-	876.3	334.2	W	38.8	-	W	-	738.6
<b>Iowa</b>										
January 2019	-	-	W	61.7	-	W	W	243.7	W	1,059.8
December 2018	-	-	W	75.9	-	-	-	185.0	W	820.6
January 2018	-	-	7.5	75.3	-	W	W	204.0	W	1,281.3
<b>Kansas</b>										
January 2019	W	W	W	W	-	W	-	146.6	-	3,354.2
December 2018	W	W	W	W	-	W	W	142.4	-	3,196.8
January 2018	W	W	W	W	-	W	W	170.6	-	3,705.8
<b>Kentucky</b>										
January 2019	-	W	902.2	W	W	W	W	W	-	929.1
December 2018	-	W	1,287.4	W	W	W	W	W	-	768.8
January 2018	-	W	857.2	470.5	W	W	-	W	-	884.1
<b>Michigan</b>										
January 2019	-	-	W	429.0	W	W	W	45.4	W	1,445.0
December 2018	W	-	W	546.1	W	W	W	21.7	W	1,040.5
January 2018	-	-	62.7	554.3	W	W	W	W	W	1,483.5
<b>Minnesota</b>										
January 2019	-	W	W	895.3	W	W	5.5	633.1	W	1,169.0
December 2018	-	W	W	909.5	W	W	3.0	395.4	W	930.4
January 2018	W	W	W	W	W	W	4.4	518.3	W	1,232.8
<b>Missouri</b>										
January 2019	W	-	W	W	-	W	W	19.9	W	678.9
December 2018	W	-	W	W	-	-	W	14.6	W	566.9
January 2018	W	-	W	W	-	W	-	15.0	-	810.7

See footnotes at end of table.



**Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 2 (cont.)</b>										
<b>Nebraska</b>										
January 2019	W	-	W	W	-	-	W	123.4	-	421.0
December 2018	W	-	W	W	-	-	W	124.0	-	341.8
January 2018	W	-	W	W	-	-	W	134.5	-	503.4
<b>North Dakota</b>										
January 2019	-	-	W	W	W	NA	W	445.8	W	710.6
December 2018	-	-	W	W	NA	W	W	344.0	W	635.0
January 2018	-	-	W	W	-	W	W	525.2	W	677.0
<b>Ohio</b>										
January 2019	-	W	346.3	454.8	W	W	-	W	-	946.3
December 2018	W	W	320.5	525.7	W	W	-	W	-	880.5
January 2018	-	W	446.3	409.4	W	W	-	W	-	1,041.0
<b>Oklahoma</b>										
January 2019	-	-	W	372.8	-	W	-	36.2	W	406.0
December 2018	W	-	W	358.8	-	W	-	W	-	345.0
January 2018	W	-	W	NA	-	W	-	109.1	W	460.5
<b>South Dakota</b>										
January 2019	-	-	W	-	-	-	W	147.7	W	344.4
December 2018	-	-	W	-	-	-	W	112.7	W	252.1
January 2018	-	-	W	-	-	-	W	103.3	W	331.4
<b>Tennessee</b>										
January 2019	-	W	W	162.2	W	55.6	-	W	-	289.6
December 2018	W	W	W	223.7	W	W	-	-	-	247.5
January 2018	W	W	W	128.9	W	W	-	W	-	300.3
<b>Wisconsin</b>										
January 2019	-	-	65.8	9.9	W	W	W	270.3	W	1,207.6
December 2018	-	-	58.5	5.9	W	W	W	141.3	W	1,038.1
January 2018	-	-	W	W	W	W	W	324.5	W	1,444.2
<b>PAD District 3</b>										
January 2019	W	125.2	5,299.9	15,629.5	-	750.8	-	-	3,040.5	11,822.2
December 2018	W	111.7	5,734.5	15,589.9	-	712.3	-	-	2,488.2	10,521.4
January 2018	W	106.2	6,141.5	18,704.8	-	1,025.5	-	W	3,085.1	13,232.5
<b>Alabama</b>										
January 2019	-	W	82.4	68.4	-	W	-	-	-	554.0
December 2018	-	W	73.5	173.9	-	W	-	-	-	462.5
January 2018	-	-	352.1	68.9	-	W	-	-	-	684.7
<b>Arkansas</b>										
January 2019	-	-	W	W	-	W	-	-	-	W
December 2018	-	-	W	W	-	-	-	-	-	W
January 2018	W	-	W	W	-	W	-	-	-	80.3
<b>Louisiana</b>										
January 2019	-	7.4	918.2	4,717.9	-	W	-	-	723.6	214.6
December 2018	W	4.9	631.1	4,949.2	-	W	-	-	666.1	243.0
January 2018	-	-	921.2	6,566.6	-	W	-	W	742.0	196.6
<b>Mississippi</b>										
January 2019	-	15.9	1,241.5	1,566.6	-	-	-	-	-	633.8
December 2018	-	W	W	1,260.7	-	W	-	-	-	598.8
January 2018	-	W	W	1,792.5	-	W	-	-	-	762.4
<b>New Mexico</b>										
January 2019	W	-	W	W	-	-	-	-	-	W
December 2018	W	-	W	W	-	-	-	-	-	W
January 2018	W	-	W	W	-	-	-	W	-	111.8
<b>Texas</b>										
January 2019	W	W	2,999.6	9,175.7	-	W	-	-	2,317.0	10,224.3
December 2018	W	W	4,328.5	9,118.1	-	136.8	-	-	1,822.1	9,040.0
January 2018	W	W	3,901.6	10,183.6	-	W	-	-	2,343.1	11,396.7

See footnotes at end of table.

**Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 4</b>										
January 2019	W	W	698.2	1,024.5	W	-	W	410.9	W	1,258.5
December 2018	W	W	931.3	1,048.3	W	-	W	310.0	W	1,248.8
January 2018	W	W	950.0	1,088.9	W	-	W	412.9	W	1,259.5
<b>Colorado</b>										
January 2019	W	-	226.9	658.4	-	-	-	125.9	W	476.1
December 2018	W	-	296.9	666.7	-	-	-	118.3	W	444.6
January 2018	W	-	296.1	NA	-	-	-	150.3	W	401.8
<b>Idaho</b>										
January 2019	-	-	W	13.9	W	-	W	13.7	W	66.9
December 2018	-	-	W	14.4	W	-	W	12.0	W	69.8
January 2018	-	-	W	W	W	-	W	17.3	W	65.9
<b>Montana</b>										
January 2019	-	W	W	W	-	-	W	103.5	W	194.7
December 2018	W	W	W	W	-	-	W	82.4	W	176.4
January 2018	-	W	W	W	-	-	W	110.7	W	225.8
<b>Utah</b>										
January 2019	W	W	312.1	270.5	-	-	W	55.6	-	101.9
December 2018	W	W	420.9	285.2	-	-	W	39.1	-	125.7
January 2018	W	W	432.3	274.7	-	-	W	39.0	-	156.6
<b>Wyoming</b>										
January 2019	-	-	W	W	-	-	W	112.2	-	418.8
December 2018	-	-	W	W	-	-	W	58.2	-	432.3
January 2018	-	-	W	W	-	-	W	95.7	-	409.3
<b>PAD District 5</b>										
January 2019	W	W	11,650.5	8,147.6	-	W	W	W	W	2,392.7
December 2018	W	W	12,683.1	8,400.9	-	W	W	343.5	W	2,122.9
January 2018	W	W	11,861.7	8,595.7	NA	W	W	282.9	W	2,365.7
<b>Alaska</b>										
January 2019	W	W	W	W	-	-	W	W	W	W
December 2018	W	-	W	W	-	-	W	W	W	W
January 2018	W	W	W	W	-	-	W	W	W	W
<b>Arizona</b>										
January 2019	W	W	W	W	-	-	-	-	-	335.2
December 2018	W	W	W	276.1	-	-	-	-	-	280.1
January 2018	W	W	136.3	248.2	-	-	-	-	-	215.8
<b>California</b>										
January 2019	W	21.2	6,965.1	6,173.2	-	W	-	-	-	1,356.0
December 2018	W	34.3	7,708.5	6,315.3	-	W	-	-	-	1,160.9
January 2018	-	28.9	7,032.1	6,800.9	-	W	-	-	-	1,380.7
<b>Hawaii</b>										
January 2019	-	-	W	W	-	-	-	-	-	W
December 2018	-	W	W	W	-	-	-	-	-	W
January 2018	-	W	W	W	-	-	-	-	-	W
<b>Nevada</b>										
January 2019	-	-	W	W	-	-	-	-	-	96.2
December 2018	-	-	W	W	-	-	-	-	-	139.3
January 2018	-	-	W	W	-	-	W	-	-	102.3
<b>Oregon</b>										
January 2019	-	8.8	419.5	53.1	-	-	-	W	W	89.9
December 2018	-	7.0	468.3	62.0	-	-	-	W	W	W
January 2018	-	7.6	W	55.6	-	-	-	NA	W	W
<b>Washington</b>										
January 2019	-	W	1,885.0	310.2	-	-	W	13.4	W	468.3
December 2018	-	W	1,762.9	457.0	-	-	W	17.5	W	363.4
January 2018	-	W	1,705.9	268.7	NA	-	W	W	W	542.8

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report."

**Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state**

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>United States</b>						
January 2019	12,443.5	149,267.3	W	-	W	975.6
December 2018	12,248.1	151,031.7	W	W	W	W
January 2018	11,376.1	142,142.1	W	W	W	W
<b>PAD District 1</b>						
January 2019	W	W	-	-	-	W
December 2018	W	31,091.6	-	W	-	W
January 2018	W	29,801.2	-	W	-	W
<b>Subdistrict 1A</b>						
January 2019	W	1,357.6	-	-	-	-
December 2018	W	1,171.8	-	-	-	-
January 2018	W	969.8	-	-	-	-
<b>Connecticut</b>						
January 2019	W	593.4	-	-	-	-
December 2018	W	550.7	-	-	-	-
January 2018	W	W	-	-	-	-
<b>Maine</b>						
January 2019	-	W	-	-	-	-
December 2018	-	W	-	-	-	-
January 2018	-	W	-	-	-	-
<b>Massachusetts</b>						
January 2019	W	W	-	-	-	-
December 2018	W	W	-	-	-	-
January 2018	W	W	-	-	-	-
<b>New Hampshire</b>						
January 2019	W	W	-	-	-	-
December 2018	W	W	-	-	-	-
January 2018	W	W	-	-	-	-
<b>Rhode Island</b>						
January 2019	W	200.3	-	-	-	-
December 2018	W	W	-	-	-	-
January 2018	W	W	-	-	-	-
<b>Vermont</b>						
January 2019	-	W	-	-	-	-
December 2018	-	W	-	-	-	-
January 2018	W	W	-	-	-	-
<b>Subdistrict 1B</b>						
January 2019	W	W	-	-	-	W
December 2018	W	16,144.2	-	W	-	W
January 2018	W	14,119.7	-	W	-	W
<b>Delaware</b>						
January 2019	W	W	-	-	-	-
December 2018	W	W	-	-	-	-
January 2018	W	W	-	-	-	-
<b>District of Columbia</b>						
January 2019	-	W	-	-	-	-
December 2018	-	W	-	-	-	-
January 2018	-	W	-	-	-	-
<b>Maryland</b>						
January 2019	W	W	-	-	-	W
December 2018	-	W	-	-	-	W
January 2018	W	1,206.4	-	-	-	W
<b>New Jersey</b>						
January 2019	W	W	-	-	-	W
December 2018	179.5	W	-	W	-	-
January 2018	W	6,809.9	-	W	-	W
<b>New York</b>						
January 2019	W	W	-	-	-	W
December 2018	182.5	W	-	-	-	W
January 2018	W	W	-	-	-	W
<b>Pennsylvania</b>						
January 2019	W	5,153.7	-	-	-	-
December 2018	W	5,385.9	-	-	-	-
January 2018	W	5,013.7	-	-	-	-

See footnotes at end of table.

**Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>Subdistrict 1C</b>						
January 2019	912.9	14,227.1	-	-	-	-
December 2018	836.1	13,775.5	-	-	-	-
January 2018	W	14,711.7	-	-	-	-
<b>Florida</b>						
January 2019	262.9	W	-	-	-	-
December 2018	250.2	4,481.5	-	-	-	-
January 2018	W	4,548.1	-	-	-	-
<b>Georgia</b>						
January 2019	80.9	2,453.5	-	-	-	-
December 2018	80.6	2,323.1	-	-	-	-
January 2018	78.5	2,615.1	-	-	-	-
<b>North Carolina</b>						
January 2019	406.3	2,638.2	-	-	-	-
December 2018	342.1	W	-	-	-	-
January 2018	258.4	W	-	-	-	-
<b>South Carolina</b>						
January 2019	51.5	1,466.2	-	-	-	-
December 2018	44.7	1,435.3	-	-	-	-
January 2018	W	1,389.4	-	-	-	-
<b>Virginia</b>						
January 2019	W	2,288.8	-	-	-	-
December 2018	W	W	-	-	-	-
January 2018	6.6	W	-	-	-	-
<b>West Virginia</b>						
January 2019	W	W	-	-	-	-
December 2018	W	W	-	-	-	-
January 2018	W	W	-	-	-	-
<b>PAD District 2</b>						
January 2019	W	W	-	-	-	-
December 2018	W	W	-	-	-	-
January 2018	W	W	-	-	-	-
<b>Illinois</b>						
January 2019	326.4	7,160.4	-	-	-	-
December 2018	307.9	7,108.9	-	-	-	-
January 2018	W	6,454.4	-	-	-	-
<b>Indiana</b>						
January 2019	W	3,925.4	-	-	-	-
December 2018	W	3,786.6	-	-	-	-
January 2018	W	3,404.0	-	-	-	-
<b>Iowa</b>						
January 2019	28.9	1,759.1	-	-	-	-
December 2018	23.3	1,821.1	-	-	-	-
January 2018	27.0	1,709.4	-	-	-	-
<b>Kansas</b>						
January 2019	497.4	3,057.8	-	-	-	-
December 2018	W	3,124.4	-	-	-	-
January 2018	W	2,405.4	-	-	-	-
<b>Kentucky</b>						
January 2019	506.9	1,812.6	-	-	-	-
December 2018	490.2	1,628.6	-	-	-	-
January 2018	W	1,865.6	-	-	-	-
<b>Michigan</b>						
January 2019	244.6	W	-	-	-	-
December 2018	226.0	W	-	-	-	-
January 2018	W	W	-	-	-	-
<b>Minnesota</b>						
January 2019	W	W	-	-	-	-
December 2018	W	W	-	-	-	-
January 2018	W	W	-	-	-	-
<b>Missouri</b>						
January 2019	1.9	1,579.4	-	-	-	-
December 2018	W	1,480.9	-	-	-	-
January 2018	W	1,498.4	-	-	-	-

See footnotes at end of table.

**Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 2 (cont.)</b>						
<b>Nebraska</b>						
January 2019	W	1,044.4	-	-	-	-
December 2018	W	1,142.9	-	-	-	-
January 2018	W	1,063.2	-	-	-	-
<b>North Dakota</b>						
January 2019	W	1,145.6	-	-	-	-
December 2018	W	1,145.3	-	-	-	-
January 2018	W	910.6	-	-	-	-
<b>Ohio</b>						
January 2019	732.1	5,864.3	-	-	-	-
December 2018	678.3	5,372.0	-	-	-	-
January 2018	W	4,886.8	-	-	-	-
<b>Oklahoma</b>						
January 2019	W	6,971.7	-	-	-	-
December 2018	W	6,795.9	-	-	-	-
January 2018	371.7	5,840.2	-	-	-	-
<b>South Dakota</b>						
January 2019	W	482.8	-	-	-	-
December 2018	W	W	-	-	-	-
January 2018	W	372.7	-	-	-	-
<b>Tennessee</b>						
January 2019	354.9	3,407.0	-	-	-	-
December 2018	629.3	3,289.3	-	-	-	-
January 2018	301.8	2,872.8	-	-	-	-
<b>Wisconsin</b>						
January 2019	W	W	-	-	-	-
December 2018	W	W	-	-	-	-
January 2018	W	W	-	-	-	-
<b>PAD District 3</b>						
January 2019	2,828.0	49,944.8	-	-	-	665.3
December 2018	2,835.8	51,262.4	-	-	-	817.6
January 2018	W	48,830.7	W	W	-	W
<b>Alabama</b>						
January 2019	141.7	1,636.1	-	-	-	-
December 2018	126.2	1,546.6	-	-	-	-
January 2018	162.5	1,478.1	-	-	-	-
<b>Arkansas</b>						
January 2019	W	1,418.6	-	-	-	-
December 2018	W	1,292.8	-	-	-	-
January 2018	W	1,527.2	-	-	-	-
<b>Louisiana</b>						
January 2019	188.1	W	-	-	-	W
December 2018	222.9	W	-	-	-	W
January 2018	166.8	10,120.8	-	W	-	W
<b>Mississippi</b>						
January 2019	39.5	1,674.4	-	-	-	-
December 2018	44.7	W	-	-	-	-
January 2018	48.7	2,223.5	-	W	-	-
<b>New Mexico</b>						
January 2019	313.7	1,096.2	-	-	-	-
December 2018	312.7	1,093.8	-	-	-	-
January 2018	349.4	1,026.9	-	-	-	-
<b>Texas</b>						
January 2019	W	W	-	-	-	W
December 2018	W	W	-	-	-	W
January 2018	1,672.5	32,454.3	W	W	-	W

See footnotes at end of table.

**Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 4</b>						
January 2019	W	6,762.9	-	-	-	-
December 2018	W	6,223.1	-	-	-	-
January 2018	W	6,531.5	-	-	-	-
<b>Colorado</b>						
January 2019	212.2	1,971.9	-	-	-	-
December 2018	179.0	1,860.0	-	-	-	-
January 2018	214.8	1,872.4	-	-	-	-
<b>Idaho</b>						
January 2019	W	848.8	-	-	-	-
December 2018	W	921.4	-	-	-	-
January 2018	W	839.7	-	-	-	-
<b>Montana</b>						
January 2019	122.9	975.3	-	-	-	-
December 2018	W	878.1	-	-	-	-
January 2018	W	873.5	-	-	-	-
<b>Utah</b>						
January 2019	W	1,803.0	-	-	-	-
December 2018	W	1,576.4	-	-	-	-
January 2018	297.9	1,830.0	-	-	-	-
<b>Wyoming</b>						
January 2019	355.7	1,163.9	-	-	-	-
December 2018	320.3	987.2	-	-	-	-
January 2018	402.5	1,115.9	-	-	-	-
<b>PAD District 5</b>						
January 2019	W	W	W	-	W	W
December 2018	W	W	W	-	W	W
January 2018	W	W	W	-	W	W
<b>Alaska</b>						
January 2019	W	W	-	-	-	-
December 2018	W	W	-	-	-	-
January 2018	W	W	-	-	-	-
<b>Arizona</b>						
January 2019	489.1	1,132.8	-	-	-	-
December 2018	438.1	836.6	-	-	-	-
January 2018	422.2	1,177.7	-	-	-	-
<b>California</b>						
January 2019	1,149.8	W	-	-	-	W
December 2018	1,239.2	W	-	-	-	W
January 2018	1,029.9	W	-	-	-	W
<b>Hawaii</b>						
January 2019	W	W	W	-	W	NA
December 2018	W	W	W	-	W	W
January 2018	W	W	W	-	W	W
<b>Nevada</b>						
January 2019	W	348.1	-	-	-	-
December 2018	W	406.1	-	-	-	-
January 2018	W	355.4	-	-	-	-
<b>Oregon</b>						
January 2019	3.1	2,028.1	-	-	-	-
December 2018	5.5	1,948.0	-	-	-	-
January 2018	7.0	1,969.8	-	-	-	-
<b>Washington</b>						
January 2019	W	3,158.4	-	-	-	-
December 2018	W	3,666.3	-	-	-	-
January 2018	W	3,314.3	-	-	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report."

**Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state**

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>United States</b>				
January 2019	114.3	15,668.1	12,594.1	165,911.0
December 2018	106.8	17,147.9	12,615.5	169,465.8
January 2018	266.3	17,541.2	11,950.5	163,388.6
<b>PAD District 1</b>				
January 2019	W	12,725.5	1,637.8	42,722.9
December 2018	W	11,483.0	1,463.9	42,679.2
January 2018	W	12,171.7	1,607.6	42,452.9
<b>Subdistrict 1A</b>				
January 2019	-	3,640.1	W	4,997.7
December 2018	-	2,798.9	W	3,970.8
January 2018	-	1,361.2	W	2,331.0
<b>Connecticut</b>				
January 2019	-	1,681.9	W	2,275.3
December 2018	-	1,586.8	W	2,137.5
January 2018	-	W	W	280.8
<b>Maine</b>				
January 2019	-	W	-	648.3
December 2018	-	W	-	W
January 2018	-	W	-	W
<b>Massachusetts</b>				
January 2019	-	W	W	807.4
December 2018	-	W	W	618.0
January 2018	-	W	W	860.5
<b>New Hampshire</b>				
January 2019	-	W	W	W
December 2018	-	W	W	W
January 2018	-	W	W	W
<b>Rhode Island</b>				
January 2019	-	656.5	W	856.8
December 2018	-	W	W	579.6
January 2018	-	W	W	461.7
<b>Vermont</b>				
January 2019	-	W	-	W
December 2018	-	W	-	W
January 2018	-	W	W	W
<b>Subdistrict 1B</b>				
January 2019	W	8,118.5	W	22,531.2
December 2018	W	8,586.0	W	24,834.8
January 2018	W	10,613.3	796.5	25,213.1
<b>Delaware</b>				
January 2019	-	W	W	W
December 2018	-	W	W	W
January 2018	-	W	W	W
<b>District of Columbia</b>				
January 2019	-	-	-	W
December 2018	-	-	-	W
January 2018	-	-	-	W
<b>Maryland</b>				
January 2019	-	W	W	1,577.4
December 2018	W	W	W	1,537.2
January 2018	W	W	W	1,611.1
<b>New Jersey</b>				
January 2019	W	5,371.0	185.9	11,611.6
December 2018	-	5,629.0	179.5	12,780.0
January 2018	W	6,332.9	244.3	13,583.5
<b>New York</b>				
January 2019	W	1,343.2	215.2	2,505.2
December 2018	-	1,706.2	182.5	3,154.6
January 2018	W	1,677.7	160.1	2,567.7
<b>Pennsylvania</b>				
January 2019	W	897.3	289.2	6,051.0
December 2018	W	835.4	235.9	6,221.3
January 2018	W	2,009.7	291.0	7,023.4

See footnotes at end of table.

**Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>Subdistrict 1C</b>				
January 2019	-	966.9	912.9	15,194.0
December 2018	-	98.1	836.1	13,873.6
January 2018	W	197.2	W	14,908.9
<b>Florida</b>				
January 2019	-	W	262.9	5,408.6
December 2018	-	-	250.2	4,481.5
January 2018	W	-	289.0	4,548.1
<b>Georgia</b>				
January 2019	-	-	80.9	2,453.5
December 2018	-	-	80.6	2,323.1
January 2018	-	-	78.5	2,615.1
<b>North Carolina</b>				
January 2019	-	164.1	406.3	2,802.3
December 2018	-	W	342.1	2,568.0
January 2018	-	W	258.4	3,220.2
<b>South Carolina</b>				
January 2019	-	-	51.5	1,466.2
December 2018	-	-	44.7	1,435.3
January 2018	-	-	W	1,389.4
<b>Virginia</b>				
January 2019	-	-	W	2,288.8
December 2018	-	W	W	2,378.4
January 2018	-	W	6.6	2,468.9
<b>West Virginia</b>				
January 2019	-	W	W	774.5
December 2018	-	W	W	687.3
January 2018	-	W	W	667.2
<b>PAD District 2</b>				
January 2019	W	W	4,647.5	44,550.1
December 2018	W	W	4,689.3	43,807.5
January 2018	W	W	4,291.3	39,883.6
<b>Illinois</b>				
January 2019	-	-	326.4	7,160.4
December 2018	-	-	307.9	7,108.9
January 2018	-	-	W	6,454.4
<b>Indiana</b>				
January 2019	-	-	W	3,925.4
December 2018	-	-	W	3,786.6
January 2018	-	-	W	3,404.0
<b>Iowa</b>				
January 2019	-	-	28.9	1,759.1
December 2018	-	-	23.3	1,821.1
January 2018	-	-	27.0	1,709.4
<b>Kansas</b>				
January 2019	-	-	497.4	3,057.8
December 2018	-	-	W	3,124.4
January 2018	-	-	W	2,405.4
<b>Kentucky</b>				
January 2019	-	-	506.9	1,812.6
December 2018	-	-	490.2	1,628.6
January 2018	-	-	W	1,865.6
<b>Michigan</b>				
January 2019	-	W	244.6	2,338.6
December 2018	-	W	226.0	2,405.3
January 2018	-	W	W	2,241.3
<b>Minnesota</b>				
January 2019	W	W	270.1	2,080.9
December 2018	W	W	273.4	2,228.6
January 2018	W	W	265.1	2,153.4
<b>Missouri</b>				
January 2019	-	-	1.9	1,579.4
December 2018	-	-	W	1,480.9
January 2018	-	-	W	1,498.4

See footnotes at end of table.



**Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 2 (cont.)</b>				
<b>Nebraska</b>				
January 2019	-	-	W	1,044.4
December 2018	-	-	W	1,142.9
January 2018	-	-	W	1,063.2
<b>North Dakota</b>				
January 2019	W	-	W	1,145.6
December 2018	W	-	W	1,145.3
January 2018	W	-	W	910.6
<b>Ohio</b>				
January 2019	-	-	732.1	5,864.3
December 2018	-	-	678.3	5,372.0
January 2018	-	-	W	4,886.8
<b>Oklahoma</b>				
January 2019	-	-	W	6,971.7
December 2018	-	-	W	6,795.9
January 2018	-	-	371.7	5,840.2
<b>South Dakota</b>				
January 2019	W	-	W	482.8
December 2018	W	W	W	436.1
January 2018	W	-	W	372.7
<b>Tennessee</b>				
January 2019	-	-	354.9	3,407.0
December 2018	-	-	629.3	3,289.3
January 2018	-	-	301.8	2,872.8
<b>Wisconsin</b>				
January 2019	W	W	56.3	1,920.0
December 2018	W	W	55.5	2,041.7
January 2018	W	W	37.3	2,205.5
<b>PAD District 3</b>				
January 2019	-	2,847.0	2,828.0	53,457.1
December 2018	-	5,557.8	2,835.8	57,637.7
January 2018	-	5,231.5	2,516.1	57,017.7
<b>Alabama</b>				
January 2019	-	-	141.7	1,636.1
December 2018	-	-	126.2	1,546.6
January 2018	-	-	162.5	1,478.1
<b>Arkansas</b>				
January 2019	-	-	W	1,418.6
December 2018	-	-	W	1,292.8
January 2018	-	-	W	1,527.2
<b>Louisiana</b>				
January 2019	-	1,828.3	188.1	12,287.2
December 2018	-	W	222.9	15,496.1
January 2018	-	W	166.8	13,855.3
<b>Mississippi</b>				
January 2019	-	500.9	W	2,175.2
December 2018	-	W	W	2,473.9
January 2018	-	W	W	2,825.6
<b>New Mexico</b>				
January 2019	-	-	313.7	1,096.2
December 2018	-	-	312.7	1,093.8
January 2018	-	-	349.4	1,026.9
<b>Texas</b>				
January 2019	-	517.8	1,987.5	34,843.8
December 2018	-	2,455.7	2,011.9	35,734.5
January 2018	-	3,107.8	1,696.1	36,304.5

See footnotes at end of table.

**Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 4</b>				
January 2019	W	-	1,128.9	6,762.9
December 2018	W	-	1,007.5	6,223.1
January 2018	W	-	1,151.1	6,531.5
<b>Colorado</b>				
January 2019	-	-	212.2	1,971.9
December 2018	-	-	179.0	1,860.0
January 2018	-	-	214.8	1,872.4
<b>Idaho</b>				
January 2019	W	-	122.5	848.8
December 2018	W	-	W	921.4
January 2018	W	-	W	839.7
<b>Montana</b>				
January 2019	-	-	122.9	975.3
December 2018	-	-	W	878.1
January 2018	-	-	W	873.5
<b>Utah</b>				
January 2019	W	-	315.7	1,803.0
December 2018	W	-	291.1	1,576.4
January 2018	-	-	297.9	1,830.0
<b>Wyoming</b>				
January 2019	-	-	355.7	1,163.9
December 2018	-	-	320.3	987.2
January 2018	-	-	402.5	1,115.9
<b>PAD District 5</b>				
January 2019	W	W	2,351.9	18,418.1
December 2018	W	W	2,619.1	19,118.3
January 2018	W	W	2,384.4	17,502.9
<b>Alaska</b>				
January 2019	W	W	W	W
December 2018	W	W	W	W
January 2018	W	W	W	W
<b>Arizona</b>				
January 2019	-	-	489.1	1,132.8
December 2018	-	-	438.1	836.6
January 2018	-	-	422.2	1,177.7
<b>California</b>				
January 2019	-	-	1,149.8	11,421.0
December 2018	-	-	1,239.2	11,924.3
January 2018	-	-	1,029.9	10,333.4
<b>Hawaii</b>				
January 2019	-	-	W	W
December 2018	-	-	W	W
January 2018	-	-	W	W
<b>Nevada</b>				
January 2019	W	-	118.4	348.1
December 2018	W	-	W	406.1
January 2018	W	-	W	355.4
<b>Oregon</b>				
January 2019	-	-	3.1	2,028.1
December 2018	-	-	5.5	1,948.0
January 2018	-	-	7.0	1,969.8
<b>Washington</b>				
January 2019	W	-	226.5	3,158.4
December 2018	W	-	247.4	3,666.3
January 2018	W	-	244.0	3,314.3

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 44. Refiner residual fuel oil and no. 4 fuel volumes by PAD District**

thousand gallons per day

Geographic area month	Residual fuel oil						No. 4 fuel[a]	
	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total		Sales to end users	Sales for resale
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale		
United States								
January 2019	W	261.4	W	6,938.1	3,584.0	7,199.5	-	W
December 2018	W	491.2	W	6,827.7	3,540.6	7,319.0	-	W
January 2018	W	442.8	W	8,490.2	3,654.0	8,933.0	-	W
PAD District 1								
January 2019	W	W	W	W	W	W	-	-
December 2018	W	W	W	W	W	2,626.8	-	-
January 2018	W	W	W	W	W	2,370.9	-	-
Subdistrict 1A								
January 2019	-	-	-	-	-	-	-	-
December 2018	-	-	-	-	-	-	-	-
January 2018	-	-	-	-	-	-	-	-
Subdistrict 1B								
January 2019	W	W	W	W	W	W	-	-
December 2018	W	W	W	W	W	2,626.8	-	-
January 2018	W	W	W	W	W	W	-	-
Subdistrict 1C								
January 2019	-	-	-	-	-	-	-	-
December 2018	-	-	-	-	-	-	-	-
January 2018	-	-	W	W	W	W	-	-
PAD District 2								
January 2019	-	-	W	W	W	W	-	-
December 2018	-	-	W	W	W	W	-	-
January 2018	-	-	-	W	-	W	-	W
PAD District 3								
January 2019	-	W	640.9	W	640.9	3,648.6	-	W
December 2018	-	W	405.6	W	405.6	3,217.5	-	W
January 2018	-	W	W	W	W	5,035.4	-	W
PAD District 4								
January 2019	-	-	-	W	-	W	-	-
December 2018	-	-	-	W	-	W	-	-
January 2018	-	-	-	W	-	W	-	-
PAD District 5								
January 2019	W	W	W	W	2,655.8	1,226.2	-	-
December 2018	W	W	W	W	2,806.0	1,370.5	-	-
January 2018	W	W	W	W	2,425.3	1,360.2	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

# **Prime Supplier Sales Volumes of Petroleum Products for Local Consumption**

**Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state**

thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
<b>United States</b>						
January 2019	207,369.3	98,582.4	305,951.7	3,246.7	2,039.0	5,285.8
December 2018	214,153.2	102,925.5	317,078.7	3,429.2	2,182.6	5,611.8
January 2018	205,105.7	97,325.4	302,431.0	3,538.5	2,177.9	5,716.4
<b>PAD District 1</b>						
January 2019	62,886.2	38,617.1	101,503.3	1,195.1	762.4	1,957.4
December 2018	64,469.9	40,474.1	104,944.0	1,234.7	812.8	2,047.5
January 2018	60,595.9	38,196.3	98,792.2	1,227.3	822.7	2,050.0
<b>Subdistrict 1A</b>						
January 2019	1,672.8	12,298.2	13,971.0	15.3	275.6	291.0
December 2018	1,699.0	12,785.9	14,485.0	12.0	283.1	295.0
January 2018	1,720.7	12,549.0	14,269.7	13.1	281.9	295.0
<b>Connecticut</b>						
January 2019	-	3,441.4	3,441.4	-	NA	NA
December 2018	-	3,596.7	3,596.7	-	NA	NA
January 2018	-	3,453.2	3,453.2	-	76.8	76.8
<b>Maine</b>						
January 2019	618.4	1,054.4	1,672.8	6.5	17.3	23.8
December 2018	671.8	1,076.9	1,748.8	4.7	14.6	19.4
January 2018	670.6	1,080.1	1,750.7	2.5	14.0	16.5
<b>Massachusetts</b>						
January 2019	-	5,299.1	5,299.1	-	139.9	139.9
December 2018	-	5,480.4	5,480.4	-	142.6	142.6
January 2018	-	5,494.1	5,494.1	-	140.8	140.8
<b>New Hampshire</b>						
January 2019	325.6	1,039.4	1,365.0	1.2	19.5	20.7
December 2018	282.4	1,119.8	1,402.2	1.6	20.5	22.1
January 2018	299.3	993.5	1,292.9	2.0	19.2	21.2
<b>Rhode Island</b>						
January 2019	-	1,463.9	1,463.9	-	28.5	28.5
December 2018	-	1,512.2	1,512.2	-	30.6	30.6
January 2018	-	1,528.1	1,528.1	-	31.1	31.1
<b>Vermont</b>						
January 2019	728.8	-	728.8	7.6	-	7.6
December 2018	744.8	-	744.8	5.6	-	5.6
January 2018	750.8	-	750.8	8.5	-	8.5
<b>Subdistrict 1B</b>						
January 2019	12,201.2	22,459.3	34,660.4	126.1	422.9	548.9
December 2018	12,581.0	23,524.0	36,105.0	119.0	459.5	578.5
January 2018	11,084.3	21,973.4	33,057.7	152.4	452.4	604.8
<b>Delaware</b>						
January 2019	-	1,113.4	1,113.4	-	7.2	7.2
December 2018	-	1,104.3	1,104.3	-	7.0	7.0
January 2018	-	1,026.9	1,026.9	-	8.5	8.5
<b>District of Columbia</b>						
January 2019	-	136.1	136.1	-	2.5	2.5
December 2018	-	148.4	148.4	-	2.7	2.7
January 2018	-	153.7	153.7	-	3.9	3.9
<b>Maryland</b>						
January 2019	455.5	3,989.5	4,444.9	3.7	47.9	51.6
December 2018	480.7	4,220.8	4,701.5	3.1	54.6	57.7
January 2018	473.3	3,678.8	4,152.1	3.9	40.5	44.4
<b>New Jersey</b>						
January 2019	-	8,422.6	8,422.6	-	116.2	116.2
December 2018	-	8,778.9	8,778.9	-	126.7	126.7
January 2018	-	8,178.5	8,178.5	-	124.5	124.5
<b>New York</b>						
January 2019	5,557.1	6,456.7	12,013.9	73.7	226.4	300.1
December 2018	5,807.3	6,947.5	12,754.8	63.5	244.6	308.2
January 2018	5,070.5	6,770.5	11,840.9	70.5	232.6	303.1
<b>Pennsylvania</b>						
January 2019	6,188.6	2,341.0	8,529.5	48.7	22.7	71.4
December 2018	6,293.0	2,324.2	8,617.2	52.4	23.9	76.3
January 2018	5,540.5	2,165.1	7,705.6	78.0	42.4	120.3

See footnotes at end of table.

**Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
<b>United States</b>						
January 2019	21,076.7	18,375.8	39,452.5	231,692.7	118,997.3	350,690.0
December 2018	21,808.1	19,345.0	41,153.1	239,390.4	124,453.2	363,843.6
January 2018	20,489.7	17,725.4	38,215.1	229,133.9	117,228.6	346,362.5
<b>PAD District 1</b>						
January 2019	6,765.4	6,346.6	13,112.0	70,846.6	45,726.1	116,572.7
December 2018	6,861.0	6,657.0	13,518.0	72,565.6	47,943.8	120,509.5
January 2018	6,503.8	5,999.7	12,503.5	68,327.0	45,018.8	113,345.7
<b>Subdistrict 1A</b>						
January 2019	115.1	1,665.9	1,781.0	1,803.2	14,239.7	16,043.0
December 2018	101.3	1,726.8	1,828.2	1,812.3	14,795.8	16,608.2
January 2018	134.3	1,651.0	1,785.3	1,868.1	14,481.9	16,350.0
<b>Connecticut</b>						
January 2019	-	529.5	529.5	-	4,041.3	4,041.3
December 2018	-	555.4	555.4	-	4,226.8	4,226.8
January 2018	-	506.5	506.5	-	4,036.5	4,036.5
<b>Maine</b>						
January 2019	36.1	81.7	117.8	661.1	1,153.4	1,814.5
December 2018	30.4	79.3	109.7	707.0	1,170.8	1,877.8
January 2018	42.3	80.8	123.1	715.4	1,175.0	1,890.4
<b>Massachusetts</b>						
January 2019	-	738.2	738.2	-	6,177.2	6,177.2
December 2018	-	764.1	764.1	-	6,387.0	6,387.0
January 2018	-	759.7	759.7	-	6,394.6	6,394.6
<b>New Hampshire</b>						
January 2019	17.1	112.0	129.1	343.9	1,171.0	1,514.8
December 2018	11.7	117.5	129.2	295.7	1,257.8	1,553.5
January 2018	25.6	95.4	121.0	326.9	1,108.1	1,435.1
<b>Rhode Island</b>						
January 2019	-	204.5	204.5	-	1,696.9	1,696.9
December 2018	-	210.6	210.6	-	1,753.4	1,753.4
January 2018	-	208.5	208.5	-	1,767.7	1,767.7
<b>Vermont</b>						
January 2019	61.9	-	61.9	798.3	-	798.3
December 2018	59.3	-	59.3	809.7	-	809.7
January 2018	66.4	-	66.4	825.7	-	825.7
<b>Subdistrict 1B</b>						
January 2019	956.1	3,963.9	4,920.0	13,283.3	26,846.0	40,129.3
December 2018	939.2	4,171.4	5,110.6	13,639.3	28,154.8	41,794.1
January 2018	911.8	3,709.0	4,620.8	12,148.5	26,134.8	38,283.3
<b>Delaware</b>						
January 2019	-	117.8	117.8	-	1,238.4	1,238.4
December 2018	-	127.6	127.6	-	1,238.8	1,238.8
January 2018	-	105.3	105.3	-	1,140.7	1,140.7
<b>District of Columbia</b>						
January 2019	-	29.0	29.0	-	167.5	167.5
December 2018	-	32.7	32.7	-	183.7	183.7
January 2018	-	31.0	31.0	-	188.6	188.6
<b>Maryland</b>						
January 2019	32.3	684.0	716.3	491.4	4,721.4	5,212.8
December 2018	34.6	716.5	751.2	518.5	4,991.9	5,510.4
January 2018	38.2	594.3	632.5	515.4	4,313.6	4,829.0
<b>New Jersey</b>						
January 2019	-	1,245.4	1,245.4	-	9,784.2	9,784.2
December 2018	-	1,319.3	1,319.3	-	10,224.9	10,224.9
January 2018	-	1,178.4	1,178.4	-	9,481.5	9,481.5
<b>New York</b>						
January 2019	453.0	1,520.8	1,973.8	6,083.8	8,203.9	14,287.7
December 2018	432.8	1,620.0	2,052.8	6,303.7	8,812.1	15,115.7
January 2018	432.2	1,503.9	1,936.1	5,573.1	8,506.9	14,080.1
<b>Pennsylvania</b>						
January 2019	470.8	366.8	837.7	6,708.1	2,730.5	9,438.6
December 2018	471.8	355.3	827.1	6,817.2	2,703.5	9,520.6
January 2018	441.5	296.1	737.5	6,060.0	2,503.5	8,563.5

See footnotes at end of table.

**Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
<b>Subdistrict 1C</b>						
January 2019	49,012.3	3,859.6	52,871.9	1,053.7	63.8	1,117.5
December 2018	50,189.9	4,164.2	54,354.1	1,103.7	70.3	1,173.9
January 2018	47,790.9	3,673.9	51,464.7	1,061.8	88.4	1,150.3
<b>Florida</b>						
January 2019	16,686.4	-	16,686.4	281.8	-	281.8
December 2018	17,023.9	-	17,023.9	285.2	-	285.2
January 2018	16,515.5	-	16,515.5	291.2	-	291.2
<b>Georgia</b>						
January 2019	11,160.5	-	11,160.5	305.0	-	305.0
December 2018	11,444.0	-	11,444.0	321.7	-	321.7
January 2018	10,745.2	-	10,745.2	304.5	-	304.5
<b>North Carolina</b>						
January 2019	10,144.4	-	10,144.4	242.8	-	242.8
December 2018	10,251.8	-	10,251.8	257.4	-	257.4
January 2018	9,703.7	-	9,703.7	234.0	-	234.0
<b>South Carolina</b>						
January 2019	5,939.3	-	5,939.3	155.9	-	155.9
December 2018	6,116.4	-	6,116.4	162.8	-	162.8
January 2018	5,587.0	-	5,587.0	154.4	-	154.4
<b>Virginia</b>						
January 2019	3,330.8	3,859.6	7,190.4	53.8	63.8	117.7
December 2018	3,581.5	4,164.2	7,745.6	60.0	70.3	130.2
January 2018	3,399.8	3,673.9	7,073.7	61.7	88.4	150.1
<b>West Virginia</b>						
January 2019	1,751.0	-	1,751.0	14.3	-	14.3
December 2018	1,772.3	-	1,772.3	16.6	-	16.6
January 2018	1,839.6	-	1,839.6	16.2	-	16.2
<b>PAD District 2</b>						
January 2019	71,924.3	12,396.0	84,320.3	977.1	166.2	1,143.3
December 2018	76,436.7	13,210.5	89,647.2	1,082.3	180.5	1,262.8
January 2018	72,283.1	12,929.3	85,212.3	1,103.6	185.7	1,289.3
<b>Illinois</b>						
January 2019	3,760.2	6,762.5	10,522.6	48.9	79.9	128.7
December 2018	4,227.4	7,179.4	11,406.8	58.1	86.2	144.3
January 2018	3,910.2	6,917.5	10,827.6	65.2	87.7	152.9
<b>Indiana</b>						
January 2019	6,060.7	913.8	6,974.5	71.0	19.1	90.1
December 2018	6,444.3	987.1	7,431.4	78.2	21.7	99.9
January 2018	6,159.3	956.3	7,115.6	82.1	21.2	103.4
<b>Iowa</b>						
January 2019	2,383.5	-	2,383.5	69.8	-	69.8
December 2018	2,777.8	-	2,777.8	80.4	-	80.4
January 2018	2,563.3	-	2,563.3	85.1	-	85.1
<b>Kansas</b>						
January 2019	3,667.8	-	3,667.8	47.5	-	47.5
December 2018	3,919.5	-	3,919.5	51.0	-	51.0
January 2018	3,771.5	-	3,771.5	50.5	-	50.5
<b>Kentucky</b>						
January 2019	3,962.4	780.6	4,742.9	49.6	14.2	63.8
December 2018	4,303.0	811.5	5,114.5	56.9	15.0	71.9
January 2018	3,577.0	1,035.7	4,612.7	48.0	16.0	64.0
<b>Michigan</b>						
January 2019	10,889.4	-	10,889.4	67.6	-	67.6
December 2018	11,551.0	-	11,551.0	88.1	-	88.1
January 2018	11,207.1	-	11,207.1	68.5	-	68.5
<b>Minnesota</b>						
January 2019	5,223.5	-	5,223.5	100.3	-	100.3
December 2018	5,361.2	-	5,361.2	103.2	-	103.2
January 2018	5,286.9	-	5,286.9	132.3	-	132.3
<b>Missouri</b>						
January 2019	4,181.6	2,128.9	6,310.5	65.9	36.4	102.3
December 2018	4,682.0	2,306.0	6,987.9	75.3	39.1	114.4
January 2018	4,438.2	2,086.7	6,524.9	75.5	40.7	116.2

See footnotes at end of table.

**Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
<b>Subdistrict 1C</b>						
January 2019	5,694.1	716.9	6,411.0	55,760.1	4,640.4	60,400.4
December 2018	5,820.5	758.7	6,579.2	57,114.0	4,993.2	62,107.2
January 2018	5,457.7	639.8	6,097.5	54,310.4	4,402.1	58,712.5
<b>Florida</b>						
January 2019	2,290.1	-	2,290.1	19,258.3	-	19,258.3
December 2018	2,305.6	-	2,305.6	19,614.7	-	19,614.7
January 2018	2,200.9	-	2,200.9	19,007.5	-	19,007.5
<b>Georgia</b>						
January 2019	1,369.7	-	1,369.7	12,835.2	-	12,835.2
December 2018	1,406.3	-	1,406.3	13,172.0	-	13,172.0
January 2018	1,299.8	-	1,299.8	12,349.5	-	12,349.5
<b>North Carolina</b>						
January 2019	1,105.1	-	1,105.1	11,492.3	-	11,492.3
December 2018	1,123.4	-	1,123.4	11,632.5	-	11,632.5
January 2018	1,058.5	-	1,058.5	10,996.2	-	10,996.2
<b>South Carolina</b>						
January 2019	577.3	-	577.3	6,672.5	-	6,672.5
December 2018	609.6	-	609.6	6,888.9	-	6,888.9
January 2018	535.2	-	535.2	6,276.6	-	6,276.6
<b>Virginia</b>						
January 2019	257.5	716.9	974.4	3,642.2	4,640.4	8,282.5
December 2018	283.3	758.7	1,042.0	3,924.7	4,993.2	8,917.9
January 2018	264.5	639.8	904.2	3,726.0	4,402.1	8,128.0
<b>West Virginia</b>						
January 2019	94.5	-	94.5	1,859.7	-	1,859.7
December 2018	92.2	-	92.2	1,881.2	-	1,881.2
January 2018	98.9	-	98.9	1,954.6	-	1,954.6
<b>PAD District 2</b>						
January 2019	5,466.5	1,446.6	6,913.1	78,367.9	14,008.7	92,376.7
December 2018	5,647.5	1,588.6	7,236.1	83,166.5	14,979.6	98,146.1
January 2018	5,357.1	1,420.4	6,777.5	78,743.8	14,535.4	93,279.2
<b>Illinois</b>						
January 2019	193.4	873.7	1,067.1	4,002.5	7,716.0	11,718.5
December 2018	220.3	967.1	1,187.4	4,505.7	8,232.7	12,738.4
January 2018	177.5	899.6	1,077.2	4,152.9	7,904.8	12,057.7
<b>Indiana</b>						
January 2019	378.5	82.8	461.3	6,510.2	1,015.7	7,525.9
December 2018	407.5	92.4	499.9	6,930.0	1,101.2	8,031.2
January 2018	362.8	95.7	458.5	6,604.2	1,073.2	7,677.4
<b>Iowa</b>						
January 2019	237.7	-	237.7	2,691.1	-	2,691.1
December 2018	263.5	-	263.5	3,121.7	-	3,121.7
January 2018	293.9	-	293.9	2,942.3	-	2,942.3
<b>Kansas</b>						
January 2019	296.3	-	296.3	4,011.7	-	4,011.7
December 2018	323.0	-	323.0	4,293.5	-	4,293.5
January 2018	281.4	-	281.4	4,103.3	-	4,103.3
<b>Kentucky</b>						
January 2019	211.6	71.9	283.5	4,223.6	866.7	5,090.3
December 2018	231.5	78.4	309.8	4,591.4	904.9	5,496.3
January 2018	183.5	87.3	270.8	3,808.5	1,138.9	4,947.5
<b>Michigan</b>						
January 2019	624.2	-	624.2	11,581.2	-	11,581.2
December 2018	635.7	-	635.7	12,274.8	-	12,274.8
January 2018	635.9	-	635.9	11,911.5	-	11,911.5
<b>Minnesota</b>						
January 2019	566.7	-	566.7	5,890.5	-	5,890.5
December 2018	479.3	-	479.3	5,943.7	-	5,943.7
January 2018	468.5	-	468.5	5,887.7	-	5,887.7
<b>Missouri</b>						
January 2019	297.9	267.4	565.3	4,545.4	2,432.7	6,978.1
December 2018	342.4	288.3	630.7	5,099.6	2,633.4	7,733.0
January 2018	301.5	179.5	481.1	4,815.3	2,306.9	7,122.3

See footnotes at end of table.



**Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
<b>PAD District 2 (cont.)</b>						
<b>Nebraska</b>						
January 2019	1,809.5	-	1,809.5	34.3	-	34.3
December 2018	1,893.4	-	1,893.4	42.1	-	42.1
January 2018	1,750.4	-	1,750.4	36.3	-	36.3
<b>North Dakota</b>						
January 2019	858.2	-	858.2	20.2	-	20.2
December 2018	891.5	-	891.5	22.4	-	22.4
January 2018	886.8	-	886.8	28.4	-	28.4
<b>Ohio</b>						
January 2019	11,405.8	-	11,405.8	136.1	-	136.1
December 2018	12,258.4	-	12,258.4	146.8	-	146.8
January 2018	11,320.9	-	11,320.9	146.3	-	146.3
<b>Oklahoma</b>						
January 2019	4,975.1	-	4,975.1	59.3	-	59.3
December 2018	4,882.8	-	4,882.8	62.2	-	62.2
January 2018	4,686.3	-	4,686.3	64.2	-	64.2
<b>South Dakota</b>						
January 2019	952.0	-	952.0	18.7	-	18.7
December 2018	959.3	-	959.3	21.0	-	21.0
January 2018	955.6	-	955.6	24.0	-	24.0
<b>Tennessee</b>						
January 2019	7,875.4	-	7,875.4	152.6	-	152.6
December 2018	8,251.4	-	8,251.4	161.5	-	161.5
January 2018	7,748.0	-	7,748.0	154.2	-	154.2
<b>Wisconsin</b>						
January 2019	3,919.3	1,810.3	5,729.6	35.3	16.5	51.8
December 2018	4,033.7	1,926.5	5,960.2	35.4	18.5	53.8
January 2018	4,021.6	1,933.1	5,954.8	43.2	20.1	63.4
<b>PAD District 3</b>						
January 2019	44,621.6	15,085.4	59,707.1	504.8	247.9	752.7
December 2018	44,898.5	15,745.4	60,643.9	532.5	262.1	794.6
January 2018	44,829.0	13,861.2	58,690.2	610.6	278.1	888.7
<b>Alabama</b>						
January 2019	5,942.1	-	5,942.1	77.0	-	77.0
December 2018	6,308.5	-	6,308.5	79.6	-	79.6
January 2018	5,650.4	-	5,650.4	74.4	-	74.4
<b>Arkansas</b>						
January 2019	3,299.3	-	3,299.3	35.0	-	35.0
December 2018	3,443.9	-	3,443.9	38.5	-	38.5
January 2018	3,236.2	-	3,236.2	37.5	-	37.5
<b>Louisiana</b>						
January 2019	6,296.2	-	6,296.2	48.4	-	48.4
December 2018	6,500.7	-	6,500.7	51.0	-	51.0
January 2018	6,673.4	-	6,673.4	49.4	-	49.4
<b>Mississippi</b>						
January 2019	4,464.4	-	4,464.4	46.9	-	46.9
December 2018	3,985.3	-	3,985.3	51.8	-	51.8
January 2018	4,004.1	-	4,004.1	48.8	-	48.8
<b>New Mexico</b>						
January 2019	2,241.6	-	2,241.6	74.8	-	74.8
December 2018	2,374.1	-	2,374.1	W	-	78.4
January 2018	2,289.9	-	2,289.9	78.8	-	78.8
<b>Texas</b>						
January 2019	22,378.0	15,085.4	37,463.4	222.8	247.9	470.7
December 2018	22,286.1	15,745.4	38,031.4	W	W	495.4
January 2018	22,975.0	13,861.2	36,836.2	321.8	278.1	599.9

See footnotes at end of table.

**Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
<b>PAD District 2 (cont.)</b>						
<b>Nebraska</b>						
January 2019	191.1	-	191.1	2,034.9	-	2,034.9
December 2018	205.5	-	205.5	2,141.0	-	2,141.0
January 2018	194.2	-	194.2	1,980.9	-	1,980.9
<b>North Dakota</b>						
January 2019	89.7	-	89.7	968.2	-	968.2
December 2018	86.5	-	86.5	1,000.4	-	1,000.4
January 2018	86.9	-	86.9	1,002.0	-	1,002.0
<b>Ohio</b>						
January 2019	751.0	-	751.0	12,292.9	-	12,292.9
December 2018	819.8	-	819.8	13,225.0	-	13,225.0
January 2018	763.5	-	763.5	12,230.7	-	12,230.7
<b>Oklahoma</b>						
January 2019	479.5	-	479.5	5,513.9	-	5,513.9
December 2018	458.3	-	458.3	5,403.4	-	5,403.4
January 2018	426.4	-	426.4	5,176.8	-	5,176.8
<b>South Dakota</b>						
January 2019	91.9	-	91.9	1,062.7	-	1,062.7
December 2018	92.1	-	92.1	1,072.4	-	1,072.4
January 2018	87.6	-	87.6	1,067.3	-	1,067.3
<b>Tennessee</b>						
January 2019	750.1	-	750.1	8,778.1	-	8,778.1
December 2018	788.8	-	788.8	9,201.7	-	9,201.7
January 2018	774.3	-	774.3	8,676.4	-	8,676.4
<b>Wisconsin</b>						
January 2019	306.7	150.8	457.5	4,261.3	1,977.6	6,238.9
December 2018	293.4	162.4	455.8	4,362.5	2,107.4	6,469.8
January 2018	319.1	158.3	477.4	4,384.0	2,111.5	6,495.5
<b>PAD District 3</b>						
January 2019	3,567.6	2,071.5	5,639.1	48,694.1	17,404.8	66,098.9
December 2018	3,863.0	2,167.6	6,030.6	49,294.0	18,175.1	67,469.1
January 2018	3,413.9	1,886.7	5,300.7	48,853.5	16,026.1	64,879.6
<b>Alabama</b>						
January 2019	494.6	-	494.6	6,513.7	-	6,513.7
December 2018	528.7	-	528.7	6,916.7	-	6,916.7
January 2018	476.9	-	476.9	6,201.6	-	6,201.6
<b>Arkansas</b>						
January 2019	261.0	-	261.0	3,595.3	-	3,595.3
December 2018	323.7	-	323.7	3,806.1	-	3,806.1
January 2018	245.1	-	245.1	3,518.7	-	3,518.7
<b>Louisiana</b>						
January 2019	504.3	-	504.3	6,848.9	-	6,848.9
December 2018	W	W	540.2	W	W	7,091.9
January 2018	473.8	-	473.8	7,196.6	-	7,196.6
<b>Mississippi</b>						
January 2019	263.2	-	263.2	4,774.5	-	4,774.5
December 2018	283.3	-	283.3	4,320.3	-	4,320.3
January 2018	252.1	-	252.1	4,305.0	-	4,305.0
<b>New Mexico</b>						
January 2019	278.7	-	278.7	2,595.2	-	2,595.2
December 2018	W	-	301.6	2,754.1	-	2,754.1
January 2018	287.5	-	287.5	2,656.3	-	2,656.3
<b>Texas</b>						
January 2019	1,765.8	2,071.5	3,837.3	24,366.6	17,404.8	41,771.4
December 2018	W	W	4,053.2	W	W	42,580.0
January 2018	1,678.5	1,886.7	3,565.3	24,975.4	16,026.1	41,001.4

See footnotes at end of table.

**Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
<b>PAD District 4</b>						
January 2019	11,386.5	-	11,386.5	273.7	-	273.7
December 2018	11,588.3	-	11,588.3	269.5	-	269.5
January 2018	11,279.9	-	11,279.9	273.7	-	273.7
<b>Colorado</b>						
January 2019	5,009.3	-	5,009.3	125.4	-	125.4
December 2018	5,086.7	-	5,086.7	115.5	-	115.5
January 2018	5,007.5	-	5,007.5	118.6	-	118.6
<b>Idaho</b>						
January 2019	1,609.2	-	1,609.2	20.7	-	20.7
December 2018	1,654.5	-	1,654.5	21.4	-	21.4
January 2018	1,581.3	-	1,581.3	23.3	-	23.3
<b>Montana</b>						
January 2019	1,342.8	-	1,342.8	60.8	-	60.8
December 2018	1,421.2	-	1,421.2	68.0	-	68.0
January 2018	1,348.9	-	1,348.9	60.7	-	60.7
<b>Utah</b>						
January 2019	2,670.8	-	2,670.8	54.1	-	54.1
December 2018	2,708.3	-	2,708.3	50.7	-	50.7
January 2018	2,590.2	-	2,590.2	53.1	-	53.1
<b>Wyoming</b>						
January 2019	754.5	-	754.5	12.7	-	12.7
December 2018	717.6	-	717.6	13.9	-	13.9
January 2018	752.0	-	752.0	18.1	-	18.1
<b>PAD District 5</b>						
January 2019	16,550.5	32,483.9	49,034.4	296.0	862.6	1,158.6
December 2018	16,759.7	33,495.6	50,255.3	310.3	927.3	1,237.5
January 2018	16,117.8	32,338.6	48,456.4	323.3	891.3	1,214.6
<b>Alaska</b>						
January 2019	576.5	-	576.5	W	-	W
December 2018	556.1	-	556.1	W	-	W
January 2018	532.1	-	532.1	W	-	W
<b>Arizona</b>						
January 2019	W	W	6,842.9	W	W	122.1
December 2018	W	W	6,772.7	W	W	125.7
January 2018	W	W	6,849.3	W	W	129.5
<b>California</b>						
January 2019	-	28,260.1	28,260.1	-	W	789.8
December 2018	-	29,356.6	29,356.6	-	W	851.9
January 2018	-	28,222.1	28,222.1	-	W	812.4
<b>Hawaii</b>						
January 2019	944.5	-	944.5	W	-	W
December 2018	955.8	-	955.8	W	-	W
January 2018	936.1	-	936.1	W	-	W
<b>Nevada</b>						
January 2019	W	W	2,389.0	63.9	-	63.9
December 2018	W	W	2,473.1	68.3	-	68.3
January 2018	W	W	2,464.5	79.9	-	79.9
<b>Oregon</b>						
January 2019	3,796.7	-	3,796.7	22.0	-	22.0
December 2018	3,606.3	-	3,606.3	24.2	-	24.2
January 2018	3,558.7	-	3,558.7	25.7	-	25.7
<b>Washington</b>						
January 2019	6,224.6	-	6,224.6	78.5	-	78.5
December 2018	6,534.6	-	6,534.6	83.5	-	83.5
January 2018	5,893.5	-	5,893.5	83.5	-	83.5

See footnotes at end of table.

**Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
<b>PAD District 4</b>						
January 2019	2,444.6	-	2,444.6	14,104.9	-	14,104.9
December 2018	2,484.9	-	2,484.9	14,342.6	-	14,342.6
January 2018	2,389.7	-	2,389.7	13,943.3	-	13,943.3
<b>Colorado</b>						
January 2019	1,045.8	-	1,045.8	6,180.5	-	6,180.5
December 2018	1,083.1	-	1,083.1	6,285.3	-	6,285.3
January 2018	1,021.5	-	1,021.5	6,147.6	-	6,147.6
<b>Idaho</b>						
January 2019	263.7	-	263.7	1,893.6	-	1,893.6
December 2018	268.5	-	268.5	1,944.4	-	1,944.4
January 2018	251.2	-	251.2	1,855.8	-	1,855.8
<b>Montana</b>						
January 2019	248.3	-	248.3	1,651.8	-	1,651.8
December 2018	243.5	-	243.5	1,732.7	-	1,732.7
January 2018	249.6	-	249.6	1,659.3	-	1,659.3
<b>Utah</b>						
January 2019	740.0	-	740.0	3,464.9	-	3,464.9
December 2018	753.2	-	753.2	3,512.2	-	3,512.2
January 2018	714.3	-	714.3	3,357.6	-	3,357.6
<b>Wyoming</b>						
January 2019	146.8	-	146.8	914.1	-	914.1
December 2018	136.6	-	136.6	868.0	-	868.0
January 2018	153.0	-	153.0	923.1	-	923.1
<b>PAD District 5</b>						
January 2019	2,832.6	8,511.1	11,343.7	19,679.2	41,857.6	61,536.7
December 2018	2,951.7	8,931.8	11,883.5	20,021.6	43,354.6	63,376.3
January 2018	2,825.2	8,418.5	11,243.6	19,266.3	41,648.4	60,914.7
<b>Alaska</b>						
January 2019	W	-	W	649.9	-	649.9
December 2018	W	-	W	633.2	-	633.2
January 2018	W	-	W	605.0	-	605.0
<b>Arizona</b>						
January 2019	W	W	906.5	W	W	7,871.6
December 2018	W	W	943.0	W	W	7,841.5
January 2018	W	W	931.1	W	W	7,909.9
<b>California</b>						
January 2019	-	W	7,977.8	-	37,027.8	37,027.8
December 2018	-	W	8,383.0	-	38,591.6	38,591.6
January 2018	-	W	7,838.7	-	36,873.2	36,873.2
<b>Hawaii</b>						
January 2019	W	-	W	1,246.4	-	1,246.4
December 2018	W	-	W	1,266.1	-	1,266.1
January 2018	W	-	W	1,244.7	-	1,244.7
<b>Nevada</b>						
January 2019	557.5	-	557.5	W	W	3,010.3
December 2018	590.4	-	590.4	W	W	3,131.8
January 2018	W	W	609.7	W	W	3,154.2
<b>Oregon</b>						
January 2019	438.3	-	438.3	4,257.0	-	4,257.0
December 2018	457.5	-	457.5	4,088.1	-	4,088.1
January 2018	450.3	-	450.3	4,034.7	-	4,034.7
<b>Washington</b>						
January 2019	1,170.6	-	1,170.6	7,473.7	-	7,473.7
December 2018	1,206.0	-	1,206.0	7,824.1	-	7,824.1
January 2018	1,116.0	-	1,116.0	7,093.0	-	7,093.0

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, "Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption."

**Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state**

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
United States							
January 2019	368.6	60,475.9	W	47,441.0	1,082.1	12,302.0	13,384.2
December 2018	362.5	63,799.4	W	41,905.0	1,527.4	12,229.3	13,756.6
January 2018	335.5	63,314.3	W	57,281.0	1,706.3	12,874.7	14,581.0
PAD District 1							
January 2019	124.2	14,394.3	W	13,003.7	W	W	4,230.8
December 2018	119.8	15,247.9	W	12,044.7	W	W	4,841.2
January 2018	95.8	15,525.2	W	17,342.5	817.4	4,441.3	5,258.6
Subdistrict 1A							
January 2019	10.8	1,313.3	W	2,800.8	W	W	84.7
December 2018	13.5	1,352.3	W	2,658.5	W	W	86.5
January 2018	8.7	1,275.2	W	3,912.7	W	W	W
Connecticut							
January 2019	2.0	149.7	-	321.6	W	-	W
December 2018	1.2	192.7	-	280.9	W	-	W
January 2018	1.4	179.3	W	382.5	W	-	W
Maine							
January 2019	W	77.3	-	666.7	W	W	30.2
December 2018	1.6	74.4	W	671.1	W	W	42.4
January 2018	W	53.4	W	947.6	W	W	97.5
Massachusetts							
January 2019	5.4	957.5	W	494.2	W	-	W
December 2018	6.9	970.4	W	436.3	W	W	11.0
January 2018	4.7	892.9	W	799.4	W	W	W
New Hampshire							
January 2019	2.0	47.1	W	687.7	W	-	W
December 2018	2.5	29.0	W	708.5	W	-	W
January 2018	W	38.8	W	990.6	W	W	W
Rhode Island							
January 2019	W	59.2	-	58.8	W	W	10.7
December 2018	W	64.1	W	46.3	W	-	W
January 2018	W	90.3	W	86.9	W	-	W
Vermont							
January 2019	W	22.5	W	571.8	W	-	W
December 2018	W	21.7	W	515.5	W	-	W
January 2018	-	20.5	W	705.8	W	W	W
Subdistrict 1B							
January 2019	19.4	8,267.1	W	4,970.7	143.1	2,287.0	2,430.1
December 2018	21.6	8,802.0	W	4,540.1	456.7	2,562.5	3,019.2
January 2018	13.1	8,705.4	W	6,393.1	W	W	3,294.6
Delaware							
January 2019	W	W	-	260.2	-	W	W
December 2018	0.4	14.1	-	274.6	-	-	-
January 2018	W	10.2	-	W	W	-	W
District of Columbia							
January 2019	-	W	-	-	-	-	-
December 2018	-	-	-	-	-	-	-
January 2018	-	-	-	W	-	-	-
Maryland							
January 2019	W	190.6	-	502.5	-	W	W
December 2018	4.3	205.1	-	463.5	-	W	W
January 2018	2.7	189.1	-	686.7	-	W	W
New Jersey							
January 2019	4.9	2,678.5	W	264.5	W	W	1,803.3
December 2018	5.1	2,847.5	W	244.5	W	W	2,270.4
January 2018	W	3,006.4	W	434.7	W	W	W
New York							
January 2019	4.5	3,172.5	W	1,879.2	W	W	434.8
December 2018	5.9	3,573.9	W	1,687.5	W	W	454.3
January 2018	4.7	3,275.2	W	2,456.1	136.7	1,698.4	1,835.2
Pennsylvania							
January 2019	7.4	2,212.3	-	2,064.4	W	W	110.8
December 2018	5.8	2,161.5	-	1,870.0	W	W	W
January 2018	3.1	2,224.5	-	2,406.9	W	W	W

See footnotes at end of table.

**Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
Subdistrict 1C							
January 2019	94.0	4,813.9	-	5,232.2	W	W	1,716.1
December 2018	84.7	5,093.6	-	4,846.2	W	W	1,735.5
January 2018	74.0	5,544.6	-	7,036.7	-	W	W
Florida							
January 2019	55.7	2,921.3	-	748.9	-	1,266.6	1,266.6
December 2018	51.4	2,921.5	-	655.7	-	1,310.5	1,310.5
January 2018	45.3	3,911.7	-	774.2	-	1,187.5	1,187.5
Georgia							
January 2019	13.3	404.3	-	816.2	-	248.9	248.9
December 2018	12.7	537.9	-	720.4	-	W	W
January 2018	11.2	231.2	-	1,181.3	-	128.4	128.4
North Carolina							
January 2019	9.7	322.9	-	1,469.9	-	W	W
December 2018	8.2	357.4	-	1,388.5	-	14.0	14.0
January 2018	7.8	275.2	-	2,315.0	-	W	W
South Carolina							
January 2019	6.3	194.7	-	869.0	-	24.8	24.8
December 2018	4.6	226.3	-	826.0	-	41.9	41.9
January 2018	W	181.5	-	1,301.8	-	W	W
Virginia							
January 2019	7.4	950.4	-	1,062.9	W	W	W
December 2018	6.4	1,027.5	-	979.0	W	W	W
January 2018	4.0	924.3	-	1,212.5	-	W	W
West Virginia							
January 2019	1.5	20.4	-	265.4	-	-	-
December 2018	1.4	23.0	-	276.5	-	-	-
January 2018	W	20.6	-	251.8	-	-	-
PAD District 2							
January 2019	72.0	9,810.1	-	18,171.5	-	W	W
December 2018	72.2	11,192.5	-	14,522.3	-	W	W
January 2018	58.5	9,796.6	W	21,109.9	W	54.4	W
Illinois							
January 2019	4.7	2,358.2	-	1,846.6	-	-	-
December 2018	6.9	3,035.1	-	1,478.2	-	W	W
January 2018	4.7	2,602.4	-	2,126.9	-	W	W
Indiana							
January 2019	3.4	1,125.8	-	957.7	-	W	W
December 2018	4.5	1,062.9	-	761.4	-	W	W
January 2018	4.5	1,046.2	-	1,158.4	-	W	W
Iowa							
January 2019	3.2	88.0	-	1,988.2	-	-	-
December 2018	2.7	91.1	-	1,487.8	-	-	-
January 2018	3.2	87.9	-	2,278.2	-	-	-
Kansas							
January 2019	4.4	121.9	-	1,379.3	-	-	-
December 2018	3.7	108.6	-	964.4	-	-	-
January 2018	3.9	134.3	-	1,720.9	-	-	-
Kentucky							
January 2019	2.6	1,445.8	-	685.7	-	-	-
December 2018	3.4	1,862.1	-	501.7	-	-	-
January 2018	2.2	1,344.1	W	775.7	-	W	W
Michigan							
January 2019	6.3	493.4	-	1,599.9	-	W	W
December 2018	6.4	532.5	-	1,405.8	-	W	W
January 2018	5.2	565.5	-	1,865.1	-	W	W
Minnesota							
January 2019	5.9	331.5	-	1,833.7	-	W	W
December 2018	4.8	299.5	-	1,421.1	-	W	W
January 2018	6.7	362.4	-	2,047.6	-	W	W
Missouri							
January 2019	5.2	283.0	-	1,763.3	-	-	-
December 2018	6.2	326.3	-	1,376.7	-	-	-
January 2018	5.3	278.5	-	1,978.9	-	-	-

See footnotes at end of table.

**Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
PAD District 2 (cont.)							
Nebraska							
January 2019	4.0	160.3	-	600.4	-	-	-
December 2018	3.3	169.4	-	477.1	-	-	-
January 2018	1.5	132.5	-	655.2	-	W	W
North Dakota							
January 2019	3.5	112.9	-	867.7	-	-	-
December 2018	3.8	96.6	-	712.6	-	-	-
January 2018	2.5	68.7	-	876.4	-	-	-
Ohio							
January 2019	7.1	878.6	-	1,575.2	-	-	-
December 2018	7.7	924.7	-	1,260.0	-	-	-
January 2018	3.5	917.9	-	1,810.0	W	-	W
Oklahoma							
January 2019	5.5	800.1	-	502.8	-	-	-
December 2018	6.2	796.9	-	396.8	-	-	-
January 2018	4.8	821.0	-	470.0	-	-	-
South Dakota							
January 2019	2.6	34.6	-	438.3	-	W	W
December 2018	1.6	40.0	-	333.4	-	W	W
January 2018	1.5	41.1	-	530.7	-	W	W
Tennessee							
January 2019	8.6	1,400.7	-	460.2	-	W	W
December 2018	6.6	1,642.3	-	447.2	-	W	W
January 2018	6.0	1,233.5	-	642.1	-	W	W
Wisconsin							
January 2019	5.2	175.1	-	1,672.5	-	W	W
December 2018	4.3	204.5	-	1,498.0	-	W	W
January 2018	2.9	160.5	-	2,173.6	-	W	W
PAD District 3							
January 2019	69.5	15,521.1	-	11,323.2	85.2	4,548.9	4,634.1
December 2018	65.8	14,881.1	-	10,970.5	W	W	3,681.7
January 2018	86.3	16,413.0	-	14,076.4	W	W	4,865.5
Alabama							
January 2019	6.3	183.5	-	510.1	-	W	W
December 2018	5.7	297.7	-	479.0	W	30.0	W
January 2018	5.3	444.5	-	787.5	W	137.5	W
Arkansas							
January 2019	3.5	135.5	-	332.3	-	-	-
December 2018	4.3	145.5	-	270.5	-	-	-
January 2018	W	100.6	-	445.8	-	-	-
Louisiana							
January 2019	6.2	2,824.8	-	1,027.8	-	909.3	909.3
December 2018	5.8	2,417.1	-	909.6	-	891.9	891.9
January 2018	5.2	3,844.1	-	958.1	-	938.8	938.8
Mississippi							
January 2019	4.0	1,873.0	-	519.2	-	W	W
December 2018	2.3	839.8	-	478.1	-	W	W
January 2018	W	1,675.8	-	727.8	-	W	W
New Mexico							
January 2019	3.8	129.5	-	330.8	-	-	-
December 2018	3.4	128.1	-	291.1	-	-	-
January 2018	4.5	122.0	-	253.3	-	-	-
Texas							
January 2019	45.5	10,374.8	-	8,602.9	85.2	3,564.6	3,649.8
December 2018	44.4	11,052.9	-	8,542.3	W	W	2,720.6
January 2018	36.7	10,226.0	-	10,903.8	W	W	3,675.3

See footnotes at end of table.

**Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
PAD District 4							
January 2019	25.5	1,807.6	-	1,557.0	-	W	W
December 2018	19.3	1,958.9	-	1,430.5	-	W	W
January 2018	21.5	2,359.9	-	1,568.0	-	W	W
Colorado							
January 2019	10.2	909.1	-	519.9	-	-	-
December 2018	6.7	960.5	-	477.1	-	-	-
January 2018	8.1	1,396.7	-	448.8	-	-	-
Idaho							
January 2019	3.2	95.5	-	167.5	-	-	-
December 2018	W	105.3	-	168.8	-	-	-
January 2018	2.3	89.3	-	152.0	-	-	-
Montana							
January 2019	5.5	122.8	-	328.4	-	-	-
December 2018	5.1	140.2	-	276.8	-	-	-
January 2018	3.9	98.1	-	399.0	-	-	-
Utah							
January 2019	4.2	581.8	-	148.3	-	-	-
December 2018	5.3	690.6	-	154.2	-	-	-
January 2018	4.6	698.2	-	169.2	-	-	-
Wyoming							
January 2019	2.3	98.5	-	392.9	-	W	W
December 2018	W	62.3	-	353.6	-	W	W
January 2018	2.7	77.7	-	399.0	-	W	W
PAD District 5							
January 2019	77.5	18,942.7	-	3,385.6	W	W	4,454.8
December 2018	85.5	20,518.8	-	2,937.0	981.7	4,153.7	5,135.4
January 2018	73.2	19,219.4	-	3,184.2	W	W	4,391.2
Alaska							
January 2019	W	1,668.5	-	W	-	-	-
December 2018	W	1,827.2	-	W	-	-	-
January 2018	W	1,814.6	-	W	-	-	-
Arizona							
January 2019	21.0	486.2	-	430.4	-	-	-
December 2018	20.2	429.9	-	342.9	-	-	-
January 2018	18.2	420.2	-	314.3	-	-	-
California							
January 2019	35.3	12,228.6	-	1,818.1	W	W	2,149.0
December 2018	45.7	13,472.1	-	1,630.6	W	W	2,318.6
January 2018	37.8	12,484.9	-	1,566.5	W	W	2,278.3
Hawaii							
January 2019	W	1,590.8	-	W	W	W	960.8
December 2018	W	1,593.9	-	W	W	W	1,403.9
January 2018	W	1,551.4	-	W	W	W	877.6
Nevada							
January 2019	3.4	592.3	-	144.8	-	-	-
December 2018	4.3	656.7	-	129.9	-	-	-
January 2018	W	523.9	-	176.4	-	-	-
Oregon							
January 2019	7.8	469.5	-	201.4	-	-	-
December 2018	6.4	552.5	-	199.2	-	-	-
January 2018	6.5	424.2	-	249.0	-	-	-
Washington							
January 2019	6.9	1,906.8	-	725.9	-	1,345.1	1,345.1
December 2018	5.7	1,986.5	-	587.3	-	1,412.8	1,412.8
January 2018	3.5	2,000.2	-	819.8	-	1,235.3	1,235.3

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, "Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption."



**Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state**

thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 distillate			No. 2 distillate	Total distillate and kerosene
				No. 2 diesel fuel				
				Ultra-low sulfur	Low-sulfur	High-sulfur		
United States								
January 2019	W	3,672.6	17,778.0	158,328.1	W	W	177,257.6	183,000.1
December 2018	W	2,754.5	14,485.3	152,221.5	W	W	168,034.5	172,378.6
January 2018	W	3,637.4	23,835.5	157,572.5	121.7	1,034.3	182,564.0	188,536.8
PAD District 1								
January 2019	832.2	W	17,425.6	42,068.9	-	212.4	59,706.9	60,991.9
December 2018	633.3	W	13,830.9	39,531.0	-	245.6	53,607.5	54,600.6
January 2018	1,111.9	W	22,154.4	43,622.1	-	209.5	65,986.1	67,671.0
Subdistrict 1A								
January 2019	261.5	W	7,945.7	W	-	W	12,116.4	12,476.1
December 2018	W	W	6,656.5	W	-	W	10,516.0	10,800.2
January 2018	323.9	W	10,118.1	W	-	W	13,982.2	14,434.1
Connecticut								
January 2019	W	W	1,778.6	845.0	-	-	2,623.6	2,651.1
December 2018	W	W	1,400.6	712.8	-	-	2,113.4	2,129.9
January 2018	W	51.9	2,229.2	731.8	-	-	2,960.9	3,022.3
Maine								
January 2019	W	W	1,445.5	W	-	W	2,198.8	2,380.0
December 2018	140.1	W	1,324.9	W	-	W	2,049.2	2,204.5
January 2018	217.7	W	1,777.5	W	-	W	2,461.2	2,684.0
Massachusetts								
January 2019	25.7	W	2,421.9	W	-	W	4,051.5	4,096.0
December 2018	23.1	W	2,022.2	W	-	W	3,512.7	3,547.9
January 2018	W	20.0	3,336.6	1,345.5	-	-	4,682.1	4,737.1
New Hampshire								
January 2019	34.5	W	968.1	393.0	-	-	1,361.1	1,419.5
December 2018	27.2	W	838.8	372.2	-	-	1,211.0	1,255.4
January 2018	34.8	W	1,198.9	476.7	-	-	1,675.6	1,738.1
Rhode Island								
January 2019	W	W	795.8	W	-	W	1,151.6	1,154.4
December 2018	0.7	W	629.7	W	-	W	1,012.0	1,013.8
January 2018	1.2	W	1,030.0	W	-	W	1,470.7	1,480.7
Vermont								
January 2019	35.3	W	535.9	193.8	-	-	729.7	775.1
December 2018	24.0	W	440.4	177.3	-	-	617.7	648.6
January 2018	28.2	W	545.9	185.7	-	-	731.6	771.8
Subdistrict 1B								
January 2019	404.9	W	9,284.7	W	-	W	24,299.1	24,995.1
December 2018	283.8	W	6,925.5	W	-	W	21,220.7	21,709.7
January 2018	520.4	W	11,599.2	15,361.3	-	129.3	27,089.7	27,946.9
Delaware								
January 2019	5.3	-	W	W	-	-	378.3	383.6
December 2018	W	-	W	W	-	-	W	336.6
January 2018	W	W	W	393.9	-	-	605.4	612.4
District of Columbia								
January 2019	-	-	W	W	-	-	49.0	49.0
December 2018	W	-	W	W	-	-	W	48.4
January 2018	W	-	W	W	-	-	W	59.3
Maryland								
January 2019	W	W	666.2	W	-	W	2,402.6	2,438.1
December 2018	21.0	-	550.8	W	-	W	2,375.6	2,396.6
January 2018	W	W	827.8	W	-	W	2,779.7	2,829.2
New Jersey								
January 2019	W	W	2,560.6	W	-	W	6,727.5	6,733.0
December 2018	W	-	1,655.8	W	-	W	5,790.3	5,834.6
January 2018	33.8	W	2,946.9	4,097.0	-	52.9	7,096.8	7,133.6
New York								
January 2019	249.1	W	3,861.6	W	-	W	7,330.8	7,861.7
December 2018	145.2	W	3,093.5	W	-	W	6,356.1	6,702.1
January 2018	288.5	W	4,849.3	W	-	W	8,577.0	9,175.5
Pennsylvania								
January 2019	113.0	5.7	2,119.2	W	-	W	7,411.0	7,529.7
December 2018	73.2	1.3	1,573.5	W	-	W	6,316.9	6,391.4
January 2018	144.1	W	2,747.0	5,214.4	-	W	W	8,136.9

See footnotes at end of table.

**Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 distillate							Total distillate and kerosene
	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 diesel fuel			No. 2 distillate	
				Ultra-low sulfur	Low-sulfur	High-sulfur		
Subdistrict 1C								
January 2019	165.8	63.5	195.1	W	-	W	23,291.4	23,520.7
December 2018	W	W	248.9	W	-	W	21,870.8	22,090.7
January 2018	267.7	108.1	437.1	W	-	W	24,914.2	25,289.9
Florida								
January 2019	0.9	-	-	W	-	W	6,262.9	6,263.9
December 2018	W	W	-	W	-	W	6,034.4	6,036.6
January 2018	W	W	W	5,799.8	-	W	5,921.0	5,925.2
Georgia								
January 2019	W	W	-	W	-	W	4,836.8	4,844.7
December 2018	W	W	-	W	-	W	4,323.9	4,330.5
January 2018	W	W	-	W	-	W	5,002.8	5,016.4
North Carolina								
January 2019	W	W	W	3,939.8	-	W	3,966.5	4,056.4
December 2018	W	W	W	3,611.6	-	W	3,628.1	3,706.1
January 2018	W	W	W	4,623.5	-	W	4,777.4	4,900.3
South Carolina								
January 2019	20.1	-	W	2,908.6	-	W	2,913.7	2,933.9
December 2018	17.9	-	W	2,734.9	-	W	2,737.9	2,755.8
January 2018	30.0	-	W	3,517.2	-	W	3,519.5	3,549.5
Virginia								
January 2019	W	W	123.1	W	-	W	3,974.2	4,063.2
December 2018	W	W	198.5	W	-	W	3,908.8	4,004.4
January 2018	W	W	195.6	W	-	W	4,433.8	4,607.4
West Virginia								
January 2019	W	W	44.9	1,292.3	-	-	1,337.2	1,358.7
December 2018	W	W	34.3	W	-	-	1,237.7	1,257.2
January 2018	W	W	32.4	1,227.3	-	-	1,259.7	1,291.3
PAD District 2								
January 2019	264.2	2,503.2	24.2	W	-	W	48,352.7	51,120.1
December 2018	173.8	1,808.0	50.2	W	-	W	46,801.5	48,783.3
January 2018	W	2,493.8	174.1	W	-	W	46,066.9	48,897.6
Illinois								
January 2019	23.4	205.9	-	5,418.3	-	-	5,418.3	5,647.6
December 2018	7.9	100.6	-	5,329.1	-	-	5,329.1	5,437.6
January 2018	19.0	175.1	-	5,542.9	-	-	5,542.9	5,736.9
Indiana								
January 2019	28.4	55.7	W	4,196.5	-	W	4,199.6	4,283.6
December 2018	21.7	22.3	-	W	-	W	4,045.4	4,089.4
January 2018	51.5	60.2	-	3,916.3	-	-	3,916.3	4,028.0
Iowa								
January 2019	W	W	W	W	-	-	2,232.2	2,522.1
December 2018	4.5	221.8	-	2,289.5	-	-	2,289.5	2,515.8
January 2018	7.3	260.0	W	W	-	-	2,085.3	2,352.6
Kansas								
January 2019	6.9	171.4	-	2,782.4	-	-	2,782.4	2,960.7
December 2018	3.4	161.7	-	2,408.0	-	-	2,408.0	2,573.0
January 2018	9.5	172.1	-	2,596.6	-	-	2,596.6	2,778.3
Kentucky								
January 2019	W	W	-	W	-	W	2,731.2	2,777.1
December 2018	W	W	W	2,501.9	-	W	2,535.8	2,565.2
January 2018	W	W	-	2,495.1	-	-	2,495.1	2,571.5
Michigan								
January 2019	20.2	56.2	W	2,933.7	-	W	2,969.3	3,045.7
December 2018	14.8	29.5	W	2,901.8	-	W	2,966.3	3,010.7
January 2018	24.6	72.0	73.6	2,898.6	-	-	2,972.2	3,068.9
Minnesota								
January 2019	12.4	591.9	W	W	-	-	2,301.5	2,905.8
December 2018	8.6	399.3	W	W	-	-	2,255.5	2,663.3
January 2018	7.0	535.5	W	W	-	-	2,176.9	2,719.4
Missouri								
January 2019	0.9	35.8	-	3,561.7	-	-	3,561.7	3,598.4
December 2018	W	W	-	3,416.8	-	-	3,416.8	3,440.0
January 2018	2.4	38.2	W	W	-	-	3,644.1	3,684.7

See footnotes at end of table.

**Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 distillate							Total distillate and kerosene
	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 diesel fuel			No. 2 distillate	
				Ultra-low sulfur	Low-sulfur	High-sulfur		
PAD District 2 (cont.)								
Nebraska								
January 2019	W	W	-	1,806.6	-	-	1,806.6	1,976.0
December 2018	W	W	-	1,660.0	-	-	1,660.0	1,827.2
January 2018	W	W	-	1,508.1	-	-	1,508.1	1,691.5
North Dakota								
January 2019	W	W	W	W	-	-	1,635.1	2,092.9
December 2018	W	W	W	W	-	-	1,671.9	2,032.2
January 2018	W	W	W	W	-	-	1,372.6	1,911.7
Ohio								
January 2019	W	W	W	W	-	-	6,147.7	6,262.6
December 2018	W	W	W	W	-	-	5,750.3	5,809.6
January 2018	W	W	W	W	-	W	5,688.8	5,825.9
Oklahoma								
January 2019	W	W	W	W	-	-	5,675.5	5,689.1
December 2018	W	W	W	W	-	-	5,391.5	5,398.1
January 2018	W	W	W	W	-	-	5,466.8	5,476.8
South Dakota								
January 2019	W	W	W	W	-	-	598.7	788.5
December 2018	W	W	W	W	-	-	640.8	794.9
January 2018	W	W	W	W	-	-	551.7	717.6
Tennessee								
January 2019	22.7	-	-	3,829.7	-	-	3,829.7	3,852.4
December 2018	18.8	-	-	3,895.0	-	-	3,895.0	3,913.8
January 2018	W	W	-	3,400.1	-	-	3,400.1	3,441.0
Wisconsin								
January 2019	3.9	250.3	W	W	-	-	2,463.4	2,717.6
December 2018	4.9	162.0	W	W	-	-	2,545.6	2,712.6
January 2018	7.7	235.7	W	W	-	-	2,649.4	2,892.9
PAD District 3								
January 2019	690.2	1.2	217.3	40,098.4	W	W	40,673.0	41,364.4
December 2018	578.1	0.9	493.0	39,184.4	W	W	40,089.4	40,668.4
January 2018	593.9	2.4	1,392.7	41,218.3	W	W	42,951.2	43,547.5
Alabama								
January 2019	W	-	-	2,704.4	W	-	W	2,793.8
December 2018	W	-	-	2,547.1	W	W	W	2,620.4
January 2018	W	-	-	2,650.1	W	W	W	2,752.3
Arkansas								
January 2019	W	W	-	2,073.3	-	-	2,073.3	2,073.6
December 2018	-	-	W	W	-	-	1,907.2	1,907.2
January 2018	W	W	W	W	-	-	2,025.4	2,027.6
Louisiana								
January 2019	W	-	W	W	-	W	W	6,541.3
December 2018	W	-	135.5	W	-	W	W	6,974.3
January 2018	W	W	797.9	6,126.8	-	58.5	6,983.3	7,518.4
Mississippi								
January 2019	-	-	-	W	-	W	1,768.3	1,768.3
December 2018	W	W	W	W	-	-	1,679.7	1,680.7
January 2018	W	W	W	W	-	W	1,997.6	2,000.2
New Mexico								
January 2019	W	W	-	2,050.0	-	-	2,050.0	2,050.5
December 2018	-	W	-	W	-	-	W	1,987.4
January 2018	-	W	-	W	-	-	W	1,926.0
Texas								
January 2019	W	W	W	25,875.2	-	W	26,130.9	26,137.0
December 2018	W	W	357.0	24,868.0	-	269.4	25,494.3	25,498.5
January 2018	W	W	420.9	26,672.3	W	W	27,315.8	27,323.0

See footnotes at end of table.

**Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 distillate							Total distillate and kerosene
	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 diesel fuel			No. 2 distillate	
				Ultra-low sulfur	Low-sulfur	High-sulfur		
PAD District 4								
January 2019	W	W	W	W	-	-	8,662.1	9,122.9
December 2018	W	W	W	W	-	-	8,222.6	8,559.5
January 2018	W	W	W	W	-	-	8,532.2	8,961.7
Colorado								
January 2019	-	118.1	-	2,145.9	-	-	2,145.9	2,264.1
December 2018	-	111.9	-	2,111.8	-	-	2,111.8	2,223.7
January 2018	-	143.8	-	2,145.3	-	-	2,145.3	2,289.1
Idaho								
January 2019	W	W	W	W	-	-	1,446.2	1,467.1
December 2018	W	W	W	W	-	-	1,595.5	1,615.2
January 2018	W	W	W	W	-	-	1,417.0	1,441.0
Montana								
January 2019	-	120.3	W	W	-	-	1,553.6	1,673.9
December 2018	-	89.1	W	W	-	-	1,420.3	1,509.4
January 2018	-	116.8	W	W	-	-	1,467.0	1,583.9
Utah								
January 2019	W	W	W	W	-	-	1,972.7	2,035.0
December 2018	W	W	W	W	-	-	1,713.2	1,754.4
January 2018	W	W	-	2,017.3	-	-	2,017.3	2,060.3
Wyoming								
January 2019	-	139.3	-	W	-	-	1,543.6	1,682.8
December 2018	-	75.0	-	W	-	-	1,381.9	1,456.8
January 2018	-	101.9	-	W	-	-	1,485.5	1,587.4
PAD District 5								
January 2019	28.7	509.2	W	W	W	495.8	19,863.0	20,400.9
December 2018	21.4	431.9	W	W	W	539.8	19,313.5	19,766.7
January 2018	26.8	404.5	W	W	W	534.4	19,027.7	19,459.0
Alaska								
January 2019	-	W	W	W	-	-	W	W
December 2018	-	W	W	W	-	-	W	W
January 2018	-	W	W	W	-	-	W	594.3
Arizona								
January 2019	-	W	-	W	-	-	W	2,926.6
December 2018	-	-	-	2,421.3	-	-	2,421.3	2,421.3
January 2018	-	-	-	2,819.9	-	-	2,819.9	2,819.9
California								
January 2019	W	W	-	W	-	W	9,158.5	9,182.2
December 2018	W	W	-	W	-	W	9,426.0	9,444.0
January 2018	W	W	-	W	-	W	9,194.5	9,216.6
Hawaii								
January 2019	-	-	-	400.2	W	327.8	W	W
December 2018	-	-	-	342.5	W	W	W	W
January 2018	-	-	-	276.0	W	W	671.0	671.0
Nevada								
January 2019	W	W	W	W	-	-	1,429.6	1,445.9
December 2018	W	W	W	W	-	-	1,330.0	1,339.3
January 2018	W	8.3	W	1,410.9	-	-	W	1,429.4
Oregon								
January 2019	-	W	-	W	-	-	W	2,065.5
December 2018	-	W	-	W	-	-	W	1,990.8
January 2018	W	W	-	W	-	W	1,946.0	1,969.3
Washington								
January 2019	W	W	W	3,288.3	-	W	3,326.1	3,338.1
December 2018	W	W	W	3,227.0	-	W	3,258.1	3,271.8
January 2018	W	W	W	2,725.9	-	W	2,746.2	2,758.5

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

Note: - Total Distillate = No. 1 Distillate + No. 2 Distillate + No. 4 Fuel Oil (published on Table 46). - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, "Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption."